

Bodley (Rachel L.)

CATALOGUE
OF
CLARK'S HERBARIUM.
CINCINNATI.

2

CATALOGUE OF PLANTS,

CONTAINED IN

HERBARIUM OF JOSEPH CLARK.

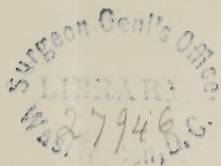
ARRANGED ACCORDING TO THE NATURAL SYSTEM.

BY

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CINCINNATI:

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PREFACE.

JOSEPH CLARK was a native of Scotland, and a resident of Cincinnati from the year 1823 till his death at the age of seventy-six years, which event occurred in this city July 1, 1858.

He was a lover of nature, and an indefatigable collector of specimens in the several departments of natural history. He was one of the founders of the Western Academy of Natural Sciences, and was the author of a "Catalogue of Flowering Plants and Ferns, observed in the vicinity of Cincinnati," which was adopted and published by the Academy in 1852. At his death his extensive cabinets and herbarium passed into the hands of a relative, and were at length deposited in the Cincinnati Female Seminary, where they still remain. The vicissitudes which that institution encountered in 1860-1 prevented the consummation of the plans of the proprietors, Messrs. Burrowes and Sayler, which embraced a scientific arrangement of the heterogeneous accumulation, gathered from various sources, which crowded their beautiful Museum Hall.

When I entered the Seminary, in February, 1862, I found chaos reigning in the domain of Science. Nothing was available as a means of illustration in my department save a choice collection of fossils and a small mineralogical cabinet. In the midst of abounding wealth famine was inevitable, through lack of classification. With a resolute will, I entered single-handed upon the herculean task of making these treasures available to science. I selected the herbarium as that portion of the work which in midwinter was most easy of approach, and at once set about collecting it. Packages, boxes, and cases were sent up to my laboratory day after day, as successive forays discovered their hiding-places, till the number swelled to thirty or more. The work proper then commenced; during three years I have labored patiently and faithfully upon it in my leisure hours, and it is only now, in my fourth Summer vacation, that I have finished the classification and arrangement of this Herbarium. The plants, for the most part, had been named, but named according to the nomenclature of thirty years ago. Hence the necessity for a careful study of synonyms and a critical and laborious examination of individual specimens for the purpose of effecting the numerous nomenclatural changes which the advance of science rendered necessary. No attempt at classification, according to the natural system, had been made, except in one

package.* The partial lists of plants which were found scattered through the collection were alphabetical. The whole mass was carefully opened, the plants identified, as far as possible, with existing enumerations just referred to, classified, culled, (duplicates preserved,) and finally arranged, in labeled sheets of uniform size, under their respective genera and orders, and the whole placed in a convenient herbarium case, where it is now in complete readiness for reference and study. This Catalogue is printed with a view of assisting the student and traveler in such reference and study, and if it shall serve this purpose, the labor its preparation has cost will be amply rewarded. Rev. G. M. Maxwell, D. D., the present proprietor and principal of the Seminary, proposes to make his building a pleasant resort for those interested in scientific pursuits, and will doubtless extend a welcome to all such who may choose to visit it.

There has been another incentive, aside from my love of science, which has nerved me in my task. It is a desire, prompted by my pride as a Western woman, that the natural sciences should find a home in this beautiful Western city of ours. There was a time—the time, indeed, which this Herbarium represents—when the prospect was flattering for a brilliant future for Cincinnati in this respect. Not a few gentlemen, learned and enthusiastic, were numbered in the literary coterie of the city. In the department of botany were found Dr. Daniel Drake, Dr. John Locke, Dr. John L. Riddell, Thomas G. Lea, Dr. Joseph Frank, Milo G. Williams, Joseph Clark, and Robert Buchanan, the last of whom alone remains to represent to the present generation the urbanity and scientific knowledge of his associates. These gentlemen found hearty co-laborers in a similar circle in Lexington, Kentucky, where resided Dr. C. W. Short, C. S. Rafinesque, H. H. Eaton, and other Professors of the Transylvania University. They were frequently visited by travelers, gentlemen of science sent by their respective governments to explore the wealth of the Western world, and incited by these and by a generous rivalry with each other, they wrought nobly in the common cause. We have mementos of their labor in Dr. Drake's "Picture of Cincinnati," Cincinnati, 1815; Riddell's "Synopsis of the Flora of the Western States," Cincinnati, 1835, and a "Supplementary Catalogue of Ohio Plants," by the same, Cincinnati, 1836; Short's "Catalogue of the Native Phænogamous Plants and Ferns of Kentucky," Lexington, 1833; and a "Catalogue of the Plants of Cincinnati, collected by Thomas G. Lea," Philadelphia, 1849, the last of which embraces five hundred cryptogamous plants.

But these pioneers are no longer with us, and the absorbing interests of business and material wealth have engaged their successors, to the exclusion of all scientific pursuits, so that no movement which has the advancement of science for its end prospers in Cincinnati. The Western Academy of Natural Sciences exists but in name, and for several years its cabinets and library

* A valuable contribution, whose labels bear the name of "G. W. Kellogg."

have not been accessible to the public. Regretting, as I do, this state of things, it has afforded me sincere pleasure to contribute my mite toward reviving the interest of the olden time. I have found my work womanly, secluded, ennobling; and I submit to educated women of this vicinity whether, since these pursuits fail through lack of patronage, they may not enter upon them, and, as they find opportunity, become workers in or patronesses of science to a degree which, in time, shall remove from our city the reproach which now rests upon it. Only the will is lacking: cultivated talent, wealth, and opportunity are abundant.

Some farther particulars, descriptive of the collection and explanatory of the plan pursued in the preparation of the following Catalogue, are deemed necessary. The American plants have been classified according to the Natural System, as published by Prof. Gray in his "Manual of the Botany of the Northern United States," revised edition, 1857, and by Dr. Chapman in his "Flora of the Southern United States," 1860. Synonyms have been noted upon labels placed in the species-sheets, but on account of their number it has not been thought best to cumber the Catalogue with them. A descriptive list of these, in manuscript, has been preserved. Lea, whose catalogue of the Cincinnati Flora is the most extensive one published, numbers seven hundred phænogamous plants (species and varieties:) of these, Clark preserved nearly six hundred. I have deemed the identification of these, by the student, of sufficient importance to warrant introducing them to his notice, and have accordingly indicated them in the following pages by an asterisk. Some surprise may be expressed that not a few familiar plants are missing. It would have been easy to have supplied these, but I have scrupulously guarded the collection from intrusion on my own part or that of others, preferring to make this Herbarium of Mr. Clark a cornerstone upon which others may build, and to which they may add, if they choose, in their own names, hereafter.

The "Foreign Plants" will be found in the Appendix. The derivation of these is not without interest. The British Ferns were gathered by Mr. Clark himself, during a visit to his native land made during 1854-5. The contribution of Mosses is from Dr. Greville, Edinburgh. A package of plants from New Zealand is from William Gourlie, Glasgow. The remainder seem to have been obtained from several collectors in Great Britain, and on the continent: two packages bear the imprint of Gouan, Montpellier, France. In the absence of any reliable Manual which embraced the countries represented by these plants, I decided upon the following arrangement. Taking Lindley's "Vegetable Kingdom" as my guide, I classified the genera* under Natural Orders, and indicated the classification as explained in a note to be found on page 7. The labels accompanying these specimens for the most part wanted the names of authors,

* Where a single genus occurred under an order which had no representative in the body of the work, and a closely allied order was represented, the name of the genus has been transferred to the representative order for the sake of avoiding a multiplicity of Families in the Index to Herbarium Drawers. These cases are few, and will readily be discerned by the botanist.

and as no means were within my reach by which these might be supplied, I have unwillingly submitted many of them in this incomplete form. The New Zealand Plants being the only package of foreign phanogamous plants in which the names of authors were uniformly given, I have inserted these, by way of distinction. The cryptogamous plants are in better condition in this respect, but the whole Appendix will doubtless be found to be imperfect—plants repeating themselves under various names—so soon as it shall be submitted to the test of a standard Flora. I shall, however, have assigned these strangers a place in the Herbarium, and have thus made it easy to find them when the needed light shall appear to illumine what is now obscure.

It remains only to acknowledge my indebtedness to the young ladies, members of my classes in Botany during the seasons of 1864 and 1865, for valuable assistance, rendered methodically and persistently throughout the term. If the recollection of this social work in the laboratory shall avail no farther than to link pleasantly together the recitations in the class-room and the adventures of Spring afternoons when with vasculum and trowel we rambled afar in search of "specimens," they have not denied themselves to assist me in vain.

It affords me pleasure to mention my brother, Joseph T. Bodley, of Cincinnati, as the appreciative friend through whose generosity I am enabled to print this little work. To the few others who will appreciate this simple contribution to Western Botany, it is now submitted, not without the hope that it may prove the harbinger of other efforts in the same direction, made by women in the West.

R. L. B.

CINCINNATI FEMALE SEMINARY, *August 1, 1865.*

CATALOGUE.

NOTE.—The * indicates that the plant which it precedes belongs to the Flora of Cincinnati. The † after a generic name marks those genera which also comprehend foreign plants in this catalogue. The genera which are enumerated at the close of many of the Natural Orders, are those whose species, as found in Clark's Herbarium, are foreign. For an alphabetical arrangement of these, as well as all foreign plants, see Appendix.

PHÆNOGAMOUS PLANTS.

CLASS I. EXOGENS.

Order 1. RANUNCULACEÆ.

- | | |
|---|---|
| 1. CLEMATIS, <i>L.</i> †
*Viorna, <i>L.</i>
*Virginiana, <i>L.</i> | alismæfolius, <i>Geyer, Benth.</i>
*Flammula, <i>L.</i>
*abortivus, <i>L.</i>
*var. micranthus, <i>Gr.</i>
*recurvatus, <i>Poir.</i>
fascicularis, <i>Muhl.</i>
*repens, <i>L.</i>
bulbosus, <i>L.</i> |
| 2. ANEMONE, <i>L.</i> †
*Virginiana, <i>L.</i>
Pennsylvanica, <i>L.</i>
nemorosa, <i>L.</i> | 7. MYOSURUS, <i>Dill.</i> †
minimus, <i>L.</i> |
| 3. HEPATICA, <i>Dill.</i>
triloba, <i>Chaix.</i>
*acutiloba, <i>DC.</i> | 8. ISOPYRUM, <i>L.</i>
*bitematum, <i>Torr. & Gr.</i> |
| 4. THALICTRUM, <i>Tourn.</i> †
*anemonoides, <i>Michx.</i>
*dioicum, <i>L.</i>
*Cornuti, <i>L.</i> | 9. CALTHA, <i>L.</i>
*palustris, <i>L.</i> |
| 5. TRAUTVETTERIA, <i>Fisch & Meyer.</i>
*palmata, <i>Fisch & Meyer.</i> | 10. AQUILEGIA, <i>Tourn.</i> †
*Canadensis, <i>L.</i> |
| 6. RANUNCULUS, <i>L.</i> †
*aquatilis, <i>L.</i> | 11. DELPHINIUM, <i>Tourn.</i>
exaltatum, <i>Ait.</i>
*tricornis, <i>Michx.</i>
*consolida, <i>L.</i> |

12. HYDRASTIS, *L.*
**Canadensis, L.*

13. ACTÆA, *L.*
**rubra, Willd.*
**alba, Big.*

14. CIMICIFUGA, *L.*
**racemosa, Ell.*

15. ADONIS, *Dill.*

16. ERANTHIS, *Salisb.*

17. HELLEBORUS, *L.*

18. TROLLIUS, *L.*

Order 2. MAGNOLIACEÆ.

1. LIRIODENDRON, *L.*
**Tulipifera, L.*

Order 3. ANONACEÆ.

1. ASIMINA, *Adans.*
**triloba, Dunal.*

Order 4. MENISPERMACEÆ.

1. MENISPERMUM, *L.*
**Canadense, L.*
2. HEDYCARYA, *Forst.*

Order 5. BERBERIDACEÆ.

1. CAULOPHYLLUM, *Michx.*
**thalictroides, Michx.*
2. JEFFERSONIA, *Barton.*
**diphylla, Pers.*
3. PODOPHYLLUM, *L.*
**peltatum, L.*

Order 6. NELUMBIACEÆ.

1. NELUMBium, *Juss.*
**luteum, Willd.*

Order 7. CABOMBACEÆ.

1. BRASENIA, *Schreb.*
**peltata, Pursh.*

Order 8. NYMPHÆACEÆ.

1. NYMPHÆA, *Tourn.*
**odorata, Ait.*
2. NUPHAR, *Smith.*
**advena, Ait.*

Order 9. SARRACENIACEÆ.

1. SARRACENIA, *Tourn.*
**purpurea, L.*

Order 10. PAPAVERACEÆ.

1. STYLOPHORUM, *Nutt.*
**diphyllum, Nutt.*
2. CHELIDONIUM, *L.*
**majus, L.*
3. SANGUINARIA, *Dill.*
**Canadensis, L.*
4. ESCHSCHOLTZIA, *Cham.*
**Douglasii, Hook.*

Order 11. FUMARIACEÆ.

1. ADLUMIA, *Raf.*
**cirrhusa, Raf.*
2. DICENTRA, *Bork.*
**cucullaria, DC.*
**Canadensis, DC.*
3. CORYDALIS, *Vent.*
**aurea, Willd.*
**glauca, Pursh.*

Order 12. CRUCIFERÆ.

1. NASTURTium, *R. Br.*
**palustre, DC.*
**lacustre, Gray.*
2. IODANTHUS, *Torr. & Gray.*
**hesperidoides, Torr. & Gr.*
3. DENTARIA, *L.*
**diphylla, L.*
**laciniata, Muhl.*

4. *CARDAMINE*, *L.*
 *rotundifolia, *Michx.*
 *hirsuta, *L.*
Virginica, *Michx.*

5. *ARABIS*, *L.*†
 patens, *Sulliv.*
 *lævigata, *DC.*
 *Canadensis, *L.*

6. *ERYSIMUM*, *L.*†
 cheiranthoides, *L.*

7. *SISYMBRIUM*, *L.*†
 officinale, *Scop.*

8. *DRABA*, *L.*†
 Caroliniana, *Walt.*
 *verna, *L.*

9. *CAMELINA*, *Crantz.*
 *sativa, *Crantz.*

10. *LEPIDIUM*, *L.*†
 Virginicum, *L.*

11. *CAPSELLA*, *Vent.*
 *Bursa-pastoris, *Mench.*

12. *ALYSSUM*, *L.*

13. *BRASSICA*, *L.*

14. *CHEIRANTHUS*, *L.*

15. *IBERIS*, *L.*

16. *LEPIDIUM*, *R. Br.*

17. *MYAGRUM*, *Tourn.*

18. *PELTARIA*, *L.*

19. *PETROCALLIS*, *R. Br.*

20. *THLASPI*, *Dill.*

21. *TEESDALIA*, *R. Br.*

22. *TURBITIS*, *Dill.*

23. *VELLA*, *DC.*

Order 13. CAPPARIDACEÆ.

1. *POLANISIA*, *Raf.*
 *graveolens, *Raf.*

Order 14. VIOLACEÆ.

1. *SOLEA*, *Ging. DC.*
 *concolor, *Ging.*
2. *VIOLA*, *L.*†
 blanda, *Willd.*
 *cucullata, *Ait.*
 *var. palmata, *Gr.*
 rostrata, *Pursh.*
Muhlenbergii, *Torr.*
 *striata, *Ait.*
 *Canadensis, *L.*
 *pubescens, *Ait.*
 *tricolor, *L.* (tenella, *Muhl.*)

Order 15. CISTACEÆ.

1. *HUDSONIA*, *L.*
 tomentosa, *Nutt.*
2. *CISTUS*, *Tourn.*
3. *HELIANTHEMUM*, *Tourn.*

Order 16. DROSERACEÆ.

1. *DROSERA*, *L.*†
 rotundifolia, *L.*

Order 17. PARNASSIACEÆ.

1. *PARNASSIA*, *Tourn.*†
 Caroliniana, *Michx.*

Order 18. HYPERICACEÆ.

1. *HYPERICUM*, *L.*†
 pyramidatum, *Ait.*
 *prolificum, *L.*
 *perforatum, *L.*
 *corymbosum, *Muhl.*
 ellipticum, *Hook.*
 *mutilum, *L.*
Sarothra, *Michx.*

2. *ELODEA*, *Pursh.*
Virginica, *Nutt.*

Order 19. CARYOPHYLLACEÆ.

1. *SAPONARIA*, *L.*†
 officinalis, *L.*

2. VACCARIA, *Medik.*
vulgaris, *Host.*

3. SILENE, *L.†*
*stellata, *Ait.*
*nivea, *DC.*
*Pennsylvanica, *Michx.*
*Virginica, *L.*
*regia, *Sims.*
*antirrhina, *L.*

4. AGROSTEMMA, *L.†*
Githago, *L.*

5. STELLARIA, *L.†*
*media, *Smith.*
*pubera, *Michx.*
*longifolia, *Muhl.*

6. CERASTIUM, *L.†*
*viscosum, *L.*
*nutans, *Raf.*
oblongifolium, *Torr.*

7. ANYCHIA, *Michx.*
*dichotoma, *Michx.*

8. MOLLUGO, *L.*
*verticillata, *L.*

9. ARENARIA, *L.*

10. BUFONIA, *L.*

11. CUCUBALUS, *Tourn.*

12. DIANTHUS, *L.*

13. ILLECEBRUM, *Gärtn.*

14. LYCHNIS, *Tourn.*

15. PARONYCHIA, *Juss.*

16. SCLERANTHUS, *L.*

Order 20. PORTULACACEÆ.

1. CLAYTONIA, *L.*
*Virginica, *L.*

Order 21. MALVACEÆ.

1. NAPEA, *Clayt.*
*dioica, *L.*

2. SIDA, *L.*
*spinosa, *L.*

3. HIBISCUS, *L.*
*militaris, *Cav.*

4. GOSSYPIUM, *L.*
herbaceum, *L.*

5. HOHERIA, *A. Cunn.*

6. PLAGIANTHUS, *Forst.*

Order 22. TILIACEÆ.

1. TILIA, *L.*
*Americana, *L.*

2. FRIESIA, *DC.*

3. DICERA, *Forst.*

Order 23. LINACEÆ.

1. LINUM, *L.†*
*Virginianum, *L.*

2. RADIOLA, *Dill.*

Order 24. OXALIDACEÆ.

1. OXALIS, *L.†*
*violacea, *L.*
*stricta, *L.*

Order 25. GERANIACEÆ.

1. GERANIUM, *L.†*
*maculatum, *L.*
Carolinianum, *L.*
Robertianum, *L.*

2. PELARGONIUM, *Herit.*

Order 26. ZYGOPHYLLACEÆ.

1. TRIBULUS, *Tourn.*

Order 27. BALSAMINACEÆ.

1. IMPATIENS, *L.*
*pallida, *Nutt.*
*fulva, *Nutt.*

Order 28. LIMNANTHACEÆ.

1. FLOERKEA, *Willd.*
*proserpinacoides, *Willd.*

Order 29. RUTACEÆ.

1. ZANTHOXYLUM, *Colden.*
Americanum, *Mill.*
2. PTELEA, *L.*
*trifoliata, *L.*
3. AILANTHUS, *Desf.*
glandulosa, *Desf.*
4. CORIARIA, *DC.*
5. MELICOPE, *Forst.*
6. PHEBALIUM, *Vent.*

Order 30. ANACARDIACEÆ.

1. RHUS, *L.*†
*typhina, *L.*
*glabra, *L.*
*copallina, *L.*
*venenata, *DC.*
*Toxicodendron, *L.*
aromatica, *Ait.*

Order 31. VITACEÆ.

1. VITIS, *Tourn.*
Labrusca, *L.*
*cordifolia, *Michx.*
2. AMPELOPSIS, *Michx.*
*quinquefolia, *Michx.*
3. PITTOSPORUM, *Sol.*

Order 32. RHAMNACEÆ.

1. RHAMNUS, *Tourn.*†
*lanceolatus, *Pursh.*
alnifolius, *L'Her.*
2. CEANOTHUS, *L.*
*Americanus, *L.*
3. POMADERIS, *Lab.*

Order 33. CELASTRACEÆ.

1. CELASTRUS, *L.*
*scandens, *L.*
2. EUONYMUS, *Tourn.*
*atropurpureus, *Jacq.*
Americanus, *L.*

Order 34. SAPINDACEÆ.

1. STAPHYLEA, *L.*
*trifolia, *L.*
2. ÆSCULUS, *L.*
*glabra, *Willd.*
*flava, *Ait.*
Pavia, *L.*
parviflora, *Walt.*
3. ACER, *Tourn.*
spicatum, *Lam.*
*saccharinum, *Wang.*
*dasycarpum, *Ehrhart.*
*rubrum, *L.*
4. NEGUNDO, *Mœnch.*
*aceroides, *Mœnch.*

Order 35. POLYGALACEÆ.

1. POLYGALA, *Tourn.*
incarnata, *L.*
sanguinea, *L.*
fastigata, *Nutt.*
cruciata, *L.*
verticillata, *L.*
ambigua, *Nutt.*
*Senega, *L.*
paucifolia, *Willd.*

Order 36. LEGUMINOSÆ.

1. TRIFOLIUM, *L.*†
arvense, *L.*
*reflexum, *L.*
*stoloniferum, *Muhl.*
agrarium, *L.*
procumbens, *L.*

2. PSORALEA, *L.*
**Onobrychis*, *Nutt.*
melilotoides, *Michx.*
 3. PETALASTEMON, *Michx.*
violaceum, *Michx.*
candidum, *Michx.*
 4. AMORPHA, *L.*
fruticosa, *L.*
canescens, *Nutt.*
 5. ROBINIA, *L.*
**Pseudacacia*, *L.*
 6. TEPHROSIA, *Pers.*
Virginiana, *Pers.*
 7. ASTRAGALUS, *L.*†
**Canadensis*, *L.*
**Cooperi*, *Gray.*
 8. ARACHIS, *Willd.*
hypogæa, *Willd.*
 9. DESMODIUM, *DC.*
**nudiflorum*, *DC.*
**acuminatum*, *DC.*
**pauciflorum*, *DC.*
**rotundifolium*, *DC.*
**canescens*, *DC.*
lævigatum, *DC.*
**viridiflorum*, *DC.*
**paniculatum*, *DC.*
**Canadense*, *DC.*
rigidum, *DC.*
ciliare, *DC.*
 10. LESPEDEZA, *Michx.*
**procumbens*, *Michx.*
**violacea*, *Pers.*
var. *sessiliflora*, *Gr.*
**hirta*, *Ell.*
**capitata*, *Michx.*
 11. STYLOSANTHES, *Swartz.*
elatior, *Swartz.*
 12. VICIA, *Tourn.*
Caroliniana, *Walt.*
Americana, *Muhl.*
 13. LATHYRUS, *L.*
**venosus*, *Muhl.*
ochroleucus, *Hook.*
palustris, *L.*
var. *myrtifolius*, *Gr.*
 14. PHASEOLUS, *L.*
**diversifolius*, *Pers.*
helvolus, *L.*
 15. APIOS, *Boerh.*
**tuberosa*, *Mæneh.*
 16. AMPHICARPEA, *Ell.*
**monoica*, *Nutt.*
 17. BAPTISIA, *Vent.*
tinctoria, *R. Br.*
**australis*, *R. Br.*
**leucantha*, *Torr. & Gr.*
leucophæa, *Nutt.*
 18. CERCIS, *L.*
**Canadensis*, *L.*
 19. CASSIA, *L.*
**Marilandica*, *L.*
Chamæcrista, *L.*
nictitans, *L.*
 20. GYMNOCLADUS, *Lam.*
**Canadensis*, *Lam.*
 21. GLEDITSCHIA, *L.*
**triacanthos*, *L.*
 22. ANTHYLLUS, *L.*
 23. GENISTA, *L.*
 24. MEDICAGO, *L.*
 25. ONONIS, *L.*
 26. OROBUS, *Tourn.*
 27. OXYTROPUS, *DC.*
 28. PISUM, *L.*
 29. VICIA, *L.*
- Order 37. ROSACEÆ.
1. PRUNUS, *L.*
**Americana*, *Marsh.*

- **Virginiana*, *L.*
 **serotina*, *Ehrhart.*
2. *SPIRÆA*, *L.*†
 **opulifolia*, *L.*
 salicifolia, *L.*
 tomentosa, *L.*
 **lobata*, *Murr.*
 **Aruncus*, *L.*
 Ulmaria, *L.*
3. *GILLENIA*, *Mæench.*
 **stipulacea*, *Nutt.*
4. *AGRIMONIA*, *Tourn.*†
 **Eupatoria*, *L.*
 **parviflora*, *Ait.*
5. *SANGUISORBA*, *L.*
 Canadensis, *L.*
6. *GEUM*, *L.*†
 **album*, *Gmelin.*
 **Virginianum*, *L.*
 strictum, *Ait.*
 **vernum*, *Torr. & Gr.*
 rivale, *L.*
7. *WALDSTEINIA*, *Willd.*
 fragarioides, *Tratt.*
8. *POTENTILLA*, *L.*†
 **Norvegica*, *L.*
 **Canadensis*, *L.*
 **var. pumila*, *Gr.*
 **var. simplex*, *Gr.*
 fruticosa, *L.*
 palustris, *Scop.*
9. *FRAGARIA*, *Tourn.*†
 **Virginiana*, *Ehrhart.*
10. *RUBUS*, *L.*†
 triflorus, *Richardson.*
 hispidus, *L.*
 cuneifolius, *Pursh.*
11. *ROSA*, *Tourn.*
 **setigera*, *Michx.*
 **Carolina*, *L.*

- **lucida*, *Ehrhart.*
nitida, *Willd.*
 **rubiginosa*, *L.*

12. *CRATÆGUS*, *L.*
 cordata, *Ait.*
 apiifolia, *Michx.*
 **coccinea*, *L.*
 **tomentosa*, *L.*
 var. pyrifolia, *Gr.*
 **Crus-galli*, *L.*
13. *PYRUS*, *L.*
 **coronaria*, *L.*
 angustifolia, *Ait.*
 arbutifolia, *L.*
 var. melanocarpa, *Gr.*
14. *AMELANCHIER*, *Medic.*
 Canadensis, *Torr. & Gr.*
 var. Botryapium, *Gr.*
15. *ALCHEMILLA*, *Tourn.*
16. *DRYAS*, *L.*

Order 38. MYRTACEÆ.

1. *LEPTOSPERMUM*, *Forst.*
 2. *METROSIDEROS*, *R. Br.*
 3. *MYRTUS*, *Tourn.*

Order 39. MELASTOMACEÆ.

1. *RHEXIA*, *L.*
 **Virginica*, *L.*

Order 40. LYTHRACEÆ.

1. *LYTHRUM*, *L.*†
 **hyssopifolia*, *L.*
 **alatum*, *Pursh.*
2. *NESÆA*, *Com., Juss.*
 verticillata, *H. B. K.*
3. *CUPHEA*, *Jacq.*
 viscosissima, *Jacq.*
4. *PEPLIS*, *L.*

Order 41. ONAGRACEÆ.

1. EPILOBIUM, *L.*†
angustifolium, *L.*
palustre, *L.*
molle, *Torr.*
*coloratum, *Muhl.*
2. OENOTHERA, *L.*
*biennis, *L.*
fruticosa, *L.*
chrysantha, *Michx.*
pumila, *L.*
3. GAURA, *L.*
*biennis, *L.*
4. LUDWIGIA, *L.*
*alternifolia, *L.*
polycarpa, *Short & Peter.*
*palustris, *Ell.*
5. CIRCEA, *Tourn.*
*Lutetiana, *L.*
6. MYRIOPHYLLUM, *Vaill.*
ambiguum, *Nutt.*

Order 42. GROSSULACEÆ.

1. RIBES, *L.*
*Cynosbati, *L.*
hirtellum, *Michx.*
rotundifolium, *Michx.*
lacustre, *Poir.*
*floridum, *L.*
2. CARPODETUS, *Forst.*

Order 43. PASSIFLORACEÆ.

1. PASSIFLORA, *L.*†
*lutea, *L.*
2. MELICYTUS, *Forst.*

Order 44. CUCURBITACEÆ.

1. SICYOS, *L.*†
*angulatus, *L.*
2. ECHINOCYSTIS, *Torr. & Gr.*
lobata, *Torr. & Gr.*

Order 45. CRASSULACEÆ.

1. SEDUM, *L.*†
pulchellum, *Michx.*
*ternatum, *Gray.*
2. PENTHORUM, *Gronov.*
*sedoides, *L.*

Order 46. SAXIFRAGACEÆ.

1. SAXIFRAGA, *L.*†
Aizoon, *Jacq.*
*Virginienensis, *Michx.*
Pennsylvanica, *L.*
2. HEUCHERA, *L.*
*Americana, *L.*
3. MITELLA, *Tourn.*
*diphylla, *L.*
4. TIARELLA, *L.*
cordifolia, *L.*
5. HYDRANGEA, *Gronov.*
*arborescens, *L.*
6. COTYLEDON, *DC.*
7. CRYOSPLENIUM, *Tourn.*
8. WEINMANNIA, *L.*

Order 47. HAMAMELACEÆ.

1. HAMAMELIS, *L.*
*Virginica, *L.*
2. LIQUIDAMBAR, *L.*
Styraciflua, *L.*

Order 48. UMBELLIFERÆ.

1. SANICULA, *Tourn.*
*Canadensis, *L.*
*Marilandica, *L.*
2. ERYNGIUM, *Tourn.*†
yuccæfolium, *Michx.*
3. ARCHEMORA, *DC.*
*rigida, *DC.*

4. *ARCHANGELICA*, *Hoffm.*
 **hirsuta*, *Torr. & Gr.*
 atropurpurea, *Hoffm.*
5. *THASPIUM*, *Nutt.*
 **barbinode*, *Nutt.*
 **aureum*, *Nutt.*
 **var. apterum*, *Gr.*
 trifoliatum, *Gray.*
 **var. apterum*, *Gr.*
6. *ZIZIA*, *DC.*
 **integerrima*, *DC.*
7. *BUPLEURUM*, *Tourn.†*
 rotundifolium, *L.*
8. *CICUTA*, *L.*
 **maculata*, *L.*
 **bulbifera*, *L.*
9. *Sium*, *L.*
 lineare, *Michx.*
 **latifolium*, *L.*
10. *CRYPTOTÆNIA*, *DC.*
 **Canadensis*, *DC.*
11. *CHÆROPHYLLUM*, *L.*
 **procumbens*, *Lam.*
12. *OSMORRHIZA*, *Raf.*
 **longistylis*, *DC.*
 **brevistylis*, *DC.*
13. *CONIUM*, *L.*
 maculatum, *L.*
14. *ERIGENIA*, *Nutt.*
 **bulbosa*, *Nutt.*
15. *ATHAMANTHA*, *Scop.*
16. *CAUCALIS*, *L.*
17. *HYDROCOTYLE*, *Tourn.*
18. *PEUCEDANUM*, *L.*
19. *SELINUM*, *Gärtn.*
20. *SMYRNIUM*, *L.*

Order 49. *ARALIACEÆ.*

1. *ARALIA*, *Tourn.†*
 **racemosa*, *L.*
 **quinquefolia*, *Gr.*

2. *ADOXA.*3. *PANAX.*Order 50. *CORNACEÆ.*

1. *CORNUS*, *Tourn.†*
 Canadensis, *L.*
 **florida*, *L.*
 **circinata*, *L'Her.*
 **sericea*, *L.*
 stolonifera, *Michx.*
 **paniculata*, *L'Her.*
 alternifolia, *L.*

2. *NYSSA*, *L.*
 **multiflora*, *Wang.*3. *COROKIA*, *A. Cunn.*Order 51. *CAPRIFOLIACEÆ.*

1. *LINNÆA*, *Gronov.†*
 borealis, *Gronov.*
2. *SYMPHORICARPUS*, *Dill.*
 racemosus, *Michx.*
 **vulgaris*, *Michx.*
3. *LONICERA*, *L.*
 parviflora, *Lam.*
 ciliata, *Muhl.*
4. *DIERVILLA*, *Tourn.*
 trifida, *Mœnch.*
5. *TRIOSTEUM*, *L.*
 **perfoliatum*, *L.*
 **angustifolium*, *L.*
6. *SAMBUCUS*, *Tourn.*
 **Canadensis*, *L.*
 pubens, *Michx.*
7. *VIBURNUM*, *L.†*
 nudum, *L.*
 **prunifolium*, *L.*

Lentago, *L.*
pubescens, *Pursh.*
acerifolium, *L.*
lantanoides, *Michx.*

8. *ALSENOSMA*, *A. Cunn.*

9. *NERTERA*, *Banks.*

Order 52. RUBIACEÆ.

1. *GALIUM*, *L.†*
**Aparine*, *L.*
asprellum, *Michx.*
concinnum, *Torr. & Gr.*
**trifidum*, *L.*
**var. latifolium*, *Gr.*
**triflorum*, *Michx.*
**circeazans*, *Michx.*
lanceolatum, *Torr.*
latifolium, *Michx.*

2. *CEPHALANTHUS*, *L.*
**occidentalis*, *L.*

3. *MITCHELLA*, *L.*
**repens*, *L.*

4. *OLDENLANDRIA*, *Plum. L.*
**purpurea*, *Gr.*
**var. longifolia*, *Gr.*
**cærulea*, *Gr.*

5. *SPIGELIA*, *L.*
Marilandica, *L.*

6. *ASPERULA*, *L.*

7. *COPROSMA*, *Forst.*

8. *CRUCIANELLA*, *L.*

9. *SHERARDIA*, *Dill.*

Order 53. VALERIANACEÆ.

1. *VALERIANA*, *Tourn.*
**pauciflora*, *Michx.*

2. *FEDIA*, *Gœrtn.*
Fagopyrum, *Torr. & Gr.*
**radiata*, *Michx.*
**patellaria*, *Sulliv.*

Order 54. DIPSACEÆ.

1. *SCABIOSA*, *R. & Sch.*

Order 55. COMPOSITÆ.

1. *VERNONIA*, *Schreb.*
Noveboracensis, *Willd.*
**fasciculata*, *Michx.*

2. *STOKESIA*, *L' Her.*
cyanea, *L' Her.*

3. *ELEPHANTOPUS*, *L.*
**Carolinianus*, *Willd.*

4. *LIATRIS*, *Schreb.*
squarrosa, *Willd.*
cylindracea, *Michx.*
scariosa, *Willd.*
spicata, *Willd.*
pycnostachya, *Michx.*

5. *KUHNTIA*, *L.*
eupatorioides, *L.*

6. *EUPATORIUM*, *Tourn.*
**purpureum*, *L.*
**sessilifolium*, *L.*
**perfoliatum*, *L.*
serotinum, *Michx.*
**ageratoides*, *L.*

7. *MIKANIA*, *Willd.*
scandens, *L.*

8. *CONOCLINIUM*, *DC.*
**cœlestinum*, *DC.*

9. *ASTER*, *L.*
sericeus, *Vent.*
patens, *Ait.*
**var. phlogifolius*, *Gr.*
lævis, *L.*
**Shortii*, *Boott.*
**undulatus*, *L.*
**cordifolius*, *L.*
**sagittifolius*, *Willd.*
**miser*, *L., Ait.*
Novi-Belgii, *L.*
**puniceus*, *L.*

- **prenanthoides*, *Muhl.*
 **Novæ-Angliæ*, *L.*
10. *ERIGERON*, *L.*†
 **Canadense*, *L.*
divaricatum, *Michx.*
 **bellidifolium*, *Muhl.*
 **Philadelphicum*, *L.*
 **annuum*, *Pers.*
 **strigosum*, *Muhl.*
11. *DIPLOPAPPUS*, *Cass.*
amygdalinus, *Torr. & Gr.*
12. *SOLIDAGO*, *L.*
bicolor, *L.*
 **latifolia*, *L.*
 **cæsia*, *L.*
 **speciosa*, *Nutt.*
rigida, *L.*
Obioensis, *Riddell.*
 **Riddellii*, *Frank.*
 **patula*, *Muhl.*
arguta, *Ait.*
altissima, *L.*
 **ulmifolia*, *Muhl.*
 **nemoralis*, *Ait.*
 **Canadensis*, *L.*
 **gigantea*, *Ait.*
 **lanceolata*, *L.*
tenuifolia, *Pursh.*
13. *POLYMNIA*, *L.*
 **Canadensis*, *L.*
 **Uvedalia*, *L.*
14. *SILPHIUM*, *L.*
 **terebinthinaceum*, *L.*
 **trifoliatum*, *L.*
integrifolium, *Michx.*
 **perfoliatum*, *L.*
15. *PARTHENIUM*, *L.*
integrifolium, *L.*
16. *AMBROSIA*, *Tourn.*
 **trifida*, *L.*
 **artemisiæfolia*, *L.*
17. *XANTHIUM*, *Tourn.*†
 **strumarium*, *L.*
spinosum, *L.*
18. *ECLIPTA*, *L.*
 **procumbens*, *Michx.*
19. *ZINNIA*, *L.*
multiflora, *L.*
20. *HELIOPSIS*, *Pers.*
 **lævis*, *Pers.*
21. *RUDBECKIA*, *L.*
 **laciniata*, *L.*
 **triloba*, *L.*
 **speciosa*, *Wender.*
 **fulgida*, *Ait.*
 **hirta*, *L.*
nitida, *Nutt.*
22. *HELIANTHUS*, *L.*
rigidus, *Desf.*
lætiflorus, *Pers.*
 **mollis*, *Lam.*
 **microcephalus*, *Torr. & Gr.*
 **giganteus*, *L.*
 **strumosus*, *L.*
 **divaricatus*, *L.*
 **hirsutus*, *Raf.*
tracheliiifolius, *Willd.*
23. *ACTINOMERIS*, *Nutt.*
 **squarrosa*, *Nutt.*
 **helianthoides*, *Nutt.*
24. *COREOPSIS*, *L.*
trichosperma, *Michx.*
aristosa, *Michx.*
 **tripteris*, *L.*
lanceolata, *L.*
tinctoria, *Nutt.*
25. *BIDENS*, *L.*
 **frondosa*, *L.*
 **petiolata*, *Nutt.*
 **chrysanthemoides*, *Michx.*
 **bipinnata*, *L.*

26. *HELENIUM, L.*
*autumnale, *L.*
27. *CARTHAMUS, L.*
tinctorius, *L.*
28. *MARUTA, Cass.*
*Cotula, *DC.*
29. *ACHILLEA, L.†*
*Millefolium, *L.*
30. *LEUCANTHEMUM, Tourn.*
*vulgare, *Lam.*
31. *ARTEMISIA, L.*
Canadensis, *Michx.*
*biennis, *Willd.*
32. *GNAPHALIUM, L.†*
*polycepalum, *Michx.*
*uliginosum, *L.*
*purpureum, *L.*
33. *ANTENNARIA, Gärtn.*
*plantaginifolia, *Hook.*
34. *FILAGO, Tourn.†*
Germanica, *L.*
35. *ERECHTHITES, Raf.†*
*hieracifolia, *Raf.*
36. *CACALIA, L.*
*suaveolens, *L.*
*reniformis, *Muhl.*
*atriplicifolia, *L.*
coccinea, *Curt.*
tuberosa, *Nutt.*
37. *SENECIO, L.†*
*aureus, *L.*
*var. obovatus, *Gr.*
tomentosus, *Michx.*
38. *CENTAUREA, L.*
Cyanus, *L.*
39. *CIRSIIUM, Tourn.*
*discolor, *Spreng.*
*altissimum, *Spreng.*
Virginianum, *Michx.*
*muticum, *Michx.*
40. *KRIGIA, Schreb.*
Virginica, *Willd.*
41. *CYNTHIA, Don.*
*Virginica, *Don.*
42. *HIERACIUM, Tourn.†*
*scabrum, *Michx.*
*Gronovii, *L.*
venosum, *L.*
*paniculatum, *L.*
43. *NABALUS, Cass.*
*albus, *Hook.*
*altissimus, *Hook.*
*crepidineus, *DC.*
44. *TARAXACUM, Haller.*
*Dens-leonis, *Desf.*
45. *MULGEDIUM, Cass.*
*acuminatum, *DC.*
*Floridanum, *DC.*
*leucophæum, *DC.*
46. *ANTHEMIS, DC.*
47. *BRACHYGLOTTIS, Forst.*
48. *CASSINIA, R. Br.*
49. *CINERARIA, Less.*
50. *EURYBIA, Cass.*
51. *HISPADELLA, Barn.*
52. *MYRIOGENE, Less.*
53. *SONCHUS, L.*
54. *VITTADINIA, Rich.*
55. *XERANTHEMUM, Tourn.*
- Order 56. **LOBELIACEÆ.**
1. *LOBELIA, L.†*
*cardinalis, *L.*
*syphilitica, *L.*
puberula, *Michx.*
*inflata, *L.*
*spicata, *Lam.*
Kalmii, *L.*
Dortmannia, *L.*
2. *GOODENIA, Sm.*

Order 57. CAMPANULACEÆ.

1. CAMPANULA, *Tourn.*†
rotundifolia, *L.*
*aparinoides, *Pursh.*
*Americana, *L.*
2. SPECULARIA, *Heist.*
*perfoliata, *A., DC.*

Order 58. ERICACEÆ.

1. GAYLUSSACIA, *H. B. K.*
resinosa, *Torr. & Gr.*
2. VACCINIUM, *L.*
macrocarpon, *Ait.*
Pennsylvanicum, *Lam.*
vacillans, *Solander.*
corymbosum, *L.*
var. pallidum, *Gr.*
var. atrococcum, *Gr.*
3. ARCTOSTAPHYLOS, *Adans.*
Uva-ursi, *Spreng.*
4. EPIGÆA, *L.*
repens, *L.*
5. GAULTHERIA, *Kalm.*†
procumbens, *L.*
6. CASSANDRA, *Don.*
calyculata, *Don.*
7. CLETHRA, *L.*
alnifolia, *L.*
8. KALMIA, *L.*
latifolia, *L.*
9. RHODODENDRON, *L.*
maximum, *L.*
10. LEDUM, *L.*
latifolium, *Ait.*
11. PYROLA, *L.*†
rotundifolia, *L.*
elliptica, *Nutt.*
secunda, *L.*

12. CHIMAPHILA, *Pursh.*
umbellata, *Nutt.*
maculata, *Pursh.*
13. MONOTROPA, *L.*
*uniflora, *L.*
Hypopitys, *L.*
*lanuginosa, *Michx.*
14. AZALEA, *L.*
15. ANDROMEDA, *L.*
16. CYATHODES, *R. Br.*
17. DRACOPHYLLUM, *Lab.*
18. ERICA, *L.*
19. EPACRIS, *Sm.*
20. LEUCOPOGON, *R. Br.*
21. MENZIESIA, *Sm.*

Order 59. AQUIFOLIACEÆ.

1. ILEX, *L.*
*verticillata, *Gray.*

Order 60. EBENACEÆ.

1. DIOSPYROS, *L.*
*Virginiana, *L.*

Order 61. PLANTAGINACEÆ.

1. PLANTAGO, *L.*†
cordata, *Lam.*
*lanceolata, *L.*

Order 62. PLUMBAGINACEÆ.

1. STATICE, *Tourn.*†
Limonium, *L.*
2. ARMERIA, *Willd.*

Order 63. PRIMULACEÆ.

1. ANDROSACE, *Tourn.*†
occidentalis, *Pursh.*
2. DODECATHEON, *L.*
*Meadia, *L.*

3. *LYSIMACHIA*, *L.*†
stricta, *Ait.*
**quadrifolia*, *L.*
**ciliata*, *L.*
**angustifolia*, *Lam.*
longifolia, *Pursh.*

4. *SAMOLUS*, *L.*†
Valerandi, *L.*
**var. Americanus*, *Gr.*

5. *ANAGALLIS*, *Tourn.*

6. *ARETIA*, *L.*

7. *CORYNOCARPUS*, *Forst.*

8. *HOTTONIA*, *L.*

9. *PRIMULA*, *L.*

10. *SOLDANELLA*, *Tourn.*

11. *SUTTONIA*, *Rich.*

12. *TRIENTALIS*, *L.*

Order 64. LENTIBULACEÆ.

1. *UTRICULARIA*, *L.*†
**minor*, *L.*
intermedia, *Hayne.*
cornuta, *Michx.*

2. *PINGUICULA*, *Tourn.*

Order 65. BIGNONIACEÆ.

1. *BIGNONIA*, *Tourn.*
capreolata, *L.*

2. *TECOMA*, *Juss.*
**radicans*, *Juss.*

3. *MARTYNIA*, *L.*
**proboscidea*, *Glox.*

4. *RHABDOTHAMNUS*, *A. Cunn.*

Order 66. OROBANCHACEÆ.

1. *EPIPHEGUS*, *Nutt.*
**Virginiana*, *Bart.*

2. *CONOPHOLIS*, *Wallr.*
**Americana*, *Wallr.*

Order 67. SCROPHULARIACEÆ.

1. *VERBASCUM*, *L.*
**Blattaria*, *L.*

2. *SCROPHULARIA*, *Tourn.*
**nodosa*, *L.*

3. *COLLINSIA*, *Nutt.*
**verna*, *Nutt.*
bicolor, *Benth.*

4. *CHELONE*, *Tourn.*
**glabra*, *L.*

5. *PENSTEMON*, *Mitchell.*
**pubescens*, *Solander.*
lævigatus, *Solander.*

6. *MIMULUS*, *L.*
**ringens*, *L.*
**alatus*, *Ait.*

7. *CONOBEA*, *Aublet.*
**multifida*, *Benth.*

8. *GRATIOLA*, *L.*†
**Virginiana*, *L.*
aurea, *Muhl.*

9. *ILYSANTHES*, *Raf.*
**gratioloides*, *Benth.*

10. *VERONICA*, *L.*†
**Virginica*, *L.*
**Anagallis*, *L.*
**Americana*, *Schw.*
scutellata, *L.*
**serpyllifolia*, *L.*
**arvensis*, *L.*

11. *SEYMERIA*, *Pursh.*
**macrophylla*, *Nutt.*

12. *GERARDIA*, *L.*
purpurea, *L.*
**tenuifolia*, *Vahl.*
flava, *L.*
**quercifolia*, *Pursh.*
pedicularia, *L.*
auriculata, *Michx.*

13. *CASTILLEIA*, *Mutis.*
coccinea, *Spreng.*

14. *PEDICULARIS*, *Tourn.†*
**Canadensis*, *L.*
lanceolata, *Michx.*

15. *MELAMPYRUM*, *Tourn.*
Americanum, *Michx.*

16. *LINARIA*, *Tourn.*

17. *RHINANTHUS*, *L.*

Order 68. ACANTHACEÆ.

1. *DIANTHERA*, *Gronov.*
**Americana*, *L.*
2. *DIPTERACANTHUS*, *Nees.*
**strepens*, *Nees.*

Order 69. VERBENACEÆ.

1. *VERBENA*, *L.*
angustifolia, *Michx.*
**hastata*, *L.*
**urticifolia*, *L.*
stricta, *Vent.*
officinalis, *L.*
Aubletia, *L.*
2. *LIPPIA*, *L.*
**lanceolata*, *Michx.*
3. *PHRYMA*, *L.*
**Leptostachya*, *L.*
4. *VITEX*, *L.*

Order 70. LABIATÆ.

1. *TEUCRIUM*, *L.†*
**Canadense*, *L.*
2. *TRICHOSTEMA*, *L.*
dichotoma, *L.*
3. *ISANTHUS*, *Michx.*
**cæruleus*, *Michx.*
4. *MENTHA*, *L.†*
viridis, *L.*

- *piperita*, *L.*
**Canadensis*, *L.*
**var. glabrata*, *Benth.*

5. *LYCOPUS*, *L.*
**Virginicus*, *L.*
Europæus, *L.*
**var. sinuatus*, *Gray.*

6. *CUNILA*, *L.*
Mariana, *L.*

7. *PYCNANTHEMUM*, *Michx.*
incanum, *Michx.*
clinopodioides, *Torr. & Gr.*
**pilosum*, *Nutt.*
muticum, *Pers.*
**lanceolatum*, *Pursh.*
linifolium, *Pursh.*

8. *CALAMINTHA*, *Mœnch.*
**Clinopodium*, *Benth.*

9. *HEDEOMA*, *Pers.*
**pulegioides*, *Pers.*
hispida, *Pursh.*

10. *COLLINSONIA*, *L.*
**Canadensis*, *L.*

11. *MONARDA*, *L.*
**didyma*, *L.*
**fistulosa*, *L.*
**Bradburiana*, *Beck.*

12. *BLEPHILIA*, *Raf.*
**ciliata*, *Raf.*
**hirsuta*, *Benth.*

13. *LOPHANTHUS*, *Benth.*
**nepetoides*, *Benth.*
**scrophulariæfolius*, *Benth.*

14. *NEPETA*, *L.†*
**Cataria*, *L.*
**Glechoma*, *Benth.*

15. *SYNANDRA*, *Nutt.*
**grandiflora*, *Nutt.*

16. *PHYSOSTEGIA*, *Benth.*
Virginiana, *Benth.*

17. BRUNELLA, *Tourn.*†
*vulgaris, *L.*
18. SCUTELLARIA, *L.*†
*versicolor, *Nutt.*
*canescens, *Nutt.*
*nervosa, *Pursh.*
*parvula, *Michx.*
galericulata, *L.*
*lateriflora, *L.*
19. STACHYS, *L.*†
palustris, *L.*
*var. aspera, *Gr.*
var. glabra, *Gr.*
*var. cordata, *Gr.*
20. LEONURUS, *L.*
*Cardiaca, *L.*
21. LAMIAM, *L.*†
*amplexicaule, *L.*
22. AJUGA, *L.*
23. BETONICA, *L.*
24. CLINOPODIUM, *L.*
25. DRACOCEPHALUM, *L.*
26. GALEOPSIS, *L.*
27. GLECHOMA, *L.*
28. HYSSOPUS, *L.*
29. LAVANDULA, *L.*
30. MARRUBIUM, *L.*
31. MELISSA, *Benth.*
32. MICROMERIA, *Benth.*
33. ORIGANUM, *L.*
34. PHLOMIS, *L.*
35. SIDERITIS, *L.*
36. THYMUS, *L.*

Order 71. BORRAGINACEÆ.

1. SYMPHYTUM, *Tourn.*†
officinale, *L.*
2. ONOSMODIUM, *Michx.*
Virginianum, *D.C.*

3. LITHOSPERMUM, *Tourn.*
officinale, *L.*
*latifolium, *Michx.*
hirtum, *Lehm.*
*canescens, *Lehm.*
longiflorum, *Spreng.*
4. MERTENSIA, *Roth.*
*Virginica, *D.C.*
5. MYOSOTIS, *L.*†
laxa, *Lehm.*
arvensis, *L., Hoffm.*
*verna, *Nutt.*
6. ECHINOSPERMUM, *Swartz.*
Lappula, *Lehm.*
7. CYNOGLOSSUM, *Tourn.*
*officinale, *L.*
*Virginicum, *L.*
*Morrisoni, *D.C.*
8. HELIOTROPIMUM, *Tourn.*†
Europæum, *L.*
9. HELIOPHYTUM, *D.C.*
Indicum, *D.C.*
10. ASPERUGO, *Tourn.*
11. ANCHUSA, *L.*
12. CERINTHE, *L.*
13. ERITRICHIMUM, *Schr.*
14. ECHINUM, *Tourn.*
15. STEENHAMMERA, *Reich.*

Order 72. HYDROPHYLLACEÆ.

1. HYDROPHYLLUM, *L.*
*macrophyllum, *Nutt.*
*Virginicum, *L.*
*Canadense, *L.*
*appendiculatum, *Michx.*
2. ELLISIA, *L.*
Nyctelea, *L.*
3. PHACELIA, *Juss.*
*bipinnatifida, *Michx.*
*Purshii, *Buckley.*

fimbriata, *Michx.*
parviflora, *Pursh.*

Order 73. POLEMONIACEÆ.

1. POLEMONIUM, *Tourn.†*
*reptans, *L.*
2. PHLOX, *L.*
*paniculata, *L.*
*maculata, *L.*
pyramidalis, *Smith.*
*glaberrima, *L.*
pilosa, *L.*
*divaricata, *L.*
subulata, *L.*
Drummondii, *Hook.*
3. GILIA, *Ruiz & Pavon.*
coronopifolia, *Pers.*

Order 74. CONVULVULACEÆ.

1. IPOMÆA, *L.*
*pandurata, *Meyer.*
2. CALYSTEGIA, *R. Br.*
*sepium, *R. Br.*
*spithamæa, *Pursh.*
3. CUSCUTA, *Tourn.*
*Gronovii, *Willd.*
glomerata, *Choisy.*
4. CONVULVULUS, *L.*

Order 75. SOLANACEÆ.

1. SOLANUM, *L.†*
*Dulcamara, *L.*
*nigrum, *L.*
*Carolinense, *L.*
2. PHYSALIS, *L.*
*viscosa, *L.*
3. DATURA, *L.*
*Stramonium, *L.*
*var. Tatula, *Gray.*
4. NICOTIANA, *L.*
Tabacum, *L.*

5. ATROPA, *L.*

6. HYOSCYAMUS, *Tourn.*

Order 76. GENTIANACEÆ.

1. SABBATIA, *Adans.*
*angularis, *Pursh.*
2. FRASERA, *Walt.*
Carolinensis, *Walt.*
3. GENTIANA, *L.†*
*quinqueflora, *Lam.*
crinita, *Frœl.*
detonsa, *Fries.*
ochroleuca, *Frœl.*
*Andrewsii, *Griseb.*
*Saponaria, *L.*
4. BARTONIA, *Muhl.*
tenella, *Muhl.*
5. OBOLARIA, *L.*
*Virginica, *L.*
6. MENYANTHES, *Tourn.*
trifoliata, *L.*
7. CHIRONIA, *L.*
8. CHLORA, *L.*
9. EXACUM, *L.*
10. ERYTHRÆA, *Ren.*
11. SWERTIA, *L.*

Order 77. APOCYNACEÆ.

1. APOCYNUM, *Tourn.*
*androsæmifolium, *L.*
*cannabinum, *L.*
2. GENIOSTOMA, *Forst.*
3. PARSONSIA, *R. Br.*
4. VINCA, *L.*

Order 78. ASCLEPIADACEÆ.

1. ASCLEPIAS, *L.*
*Cornuti, *Dcaisne.*
*purpurascens, *L.*

*quadrifolia, *Jacq.*

*incarnata, *L.*

*tuberosa, *L.*

verticillata, *L.*

2. *ENSLERIA*, *Nutt.*

*albida, *Nutt.*

3. *GONOLOBUS*, *Michx.*

*macrophyllus, *Michx.*

hirsutus, *Michx.*

Order 79. *OLEACEÆ.*

1. *FRAXINUS*, *Tourn.*

*Americana, *L.*

pubescens, *Lam.*

*sambucifolia, *Lam.*

*quadrangulata, *Michx.*

2. *OLEA*, *L.*

Order 80. *ARISTOLOCHIACEÆ.*

1. *ASARUM*, *Tourn.*

*Canadense, *L.*

2. *ARISTOLOCHIA*, *Tourn.*

*Serpentaria, *L.*

Sipho, *L'Her.*

tomentosa, *Sims.*

Order 81. *PHYTOLACCACEÆ.*

1. *PHYTOLACCA*, *Tourn.*

*decandra, *L.*

Order 82. *CHENOPODIACEÆ.*

1. *CHENOPODIUM*, *L.*

hybridum, *L.*

*album, *L.*

*Botrys, *L.*

*anthelminticum, *L.*

2. *BLITUM*, *Tourn.*

capitatum, *L.*

3. *ATRIPLEX*, *Tourn.*

4. *SALICORNIA*, *Tourn.*

Order 83. *AMARANTACEÆ.*

1. **AMARANTUS*, *Tourn.*

*retroflexus, *L.*

*albus, *L.*

2. *EUXOLUS*, *Raf.*

pumilus, *Raf.*

3. *ACNIDA*, *L.*

*cannabinata, *L.*

4. *IRENE*, *P. Browne.*

*celosioides, *L.*

Order 84. *POLYGONACEÆ.*

1. *POLYGONUM*, *L.†*

*Pennsylvanicum, *L.*

*Persicaria, *L.*

*Hydropiper, *L.*

acre, *H. B. K.*

*hydropiperoides, *Michx.*

*aviculare, *L.*

ramosissimum, *Michx.*

tenue, *Michx.*

*Virginianum, *L.*

*arifolium, *L.*

*sagittatum, *L.*

*Convolvulus, *L.*

2. *RUMEX*, *L.†*

*verticillatus, *L.*

salicifolius, *Weinr.*

*crispus, *L.*

sanguineus, *L.*

*Acetosella, *L.*

Order 85. *LAURACEÆ.*

1. *SASSAFRAS*, *Nees.*

*officinale, *Nees.*

2. *BENZOIN*, *Nees.*

*odoriferum, *Nees.*

Order 86. *THYMELEACEÆ.*

1. *DIRCA*, *L.*

*palustris, *L.*

2. *DAPHNE*, *L.*
3. *KNIGHTIA*, *R. Br.*
4. *PIMELEA*, *P. & Sol.*

Order 87. *ELÆAGNACEÆ*.

1. *SHEPHERDIA*, *Nutt.*
**Canadensis*, *Nutt.*

Order 88. *SANTALACEÆ*.

1. *COMANDRA*, *Nutt.*
**umbellata*, *Nutt.*
2. *ALCHIMILLA*, *Tourn.*
3. *MIDA*, *A. Cunn.*

Order 89. *SAURURACEÆ*.

1. *SAURURUS*, *L.*
**cernuus*, *L.*
2. *PEPERONIA*, *Ruiz & Pav.*
3. *PIPER*, *Miq.*

Order 90. *CERATOPHYLLACEÆ*.

1. *CERATOPHYLLUM*, *L.*
**demersum*, *L.*

Order 91. *CALLITRICHACEÆ*.

1. *CALLITRICH*, *L.*
**verna*, *L.*
var. *platycarpa*, *Gr.*
**autumnalis*, *L.*
var. *linearis*, *Gr.*

Order 92. *EUPHORBIACEÆ*.

1. *EUPHORBIA*, *L.*†
**polygonifolia*, *L.*
**maculata*, *L.*
**hypericifolia*, *L.*
**dentata*, *Michx.*
**corollata*, *L.*
**obtusata*, *Pursh.*
**Peplus*, *L.*

2. *ACALYPHA*, *L.*
**Virginica*, *L.*

Order 93. *URTICACEÆ*.

1. *ULMUS*, *L.*
**fulva*, *Michx.*
**Americana*, *L.*, *Willd.*
2. *CELTIS*, *Tourn.*
**occidentalis*, *L.*
var. *crassifolia*, *Gr.*
3. *MORUS*, *Tourn.*
**rubra*, *L.*
**alba*, *L.*
4. *MACLURA*.
**aurantiaca*, *Nutt.*
5. *URTICA*, *Tourn.*†
**dioica*, *L.*
6. *LAPORTEA*, *Gaud.*
**Canadensis*, *Gaud.*
7. *PILEA*, *Lindl.*
**pumila*, *Gray.*
8. *BEHMERIA*, *Jacq.*
**cylindrica*, *Willd.*
9. *ELATOSTEMMA*, *Forst.*

Order 94. *PLATANACEÆ*.

1. *PLATANUS*, *L.*
**occidentalis*, *L.*

Order 95. *JUGLANDACEÆ*.

1. *JUGLANS*, *L.*
**cinerea*, *L.*
**nigra*, *L.*
2. *CARYA*, *Nutt.*
**olivæformis*, *Nutt.*
**alba*, *Nutt.*
**sulcata*, *Nutt.*
**glabra*, *Torr.*
**amara*, *Nutt.*

Order 96. *CUPULIFERÆ*.

1. *QUERCUS*, *L.*
**macrocarpa*, *Michx.*

- **alba*, *L.*
- montana*, *Willd.*
- **bicolor*, *Willd.*
- **Castanea*, *Willd.*
- virens*, *Ait.*
- **imbricaria*, *Michx.*
- nigra*, *L.*
- **Leana*, *Nutt.*
- **heterophylla*, *Michx.*
- falcata*, *Michx.*
- **tinctoria*, *Bartram.*
- **coccinea*, *Wang.*
- **rubra*, *L.*
- **palustris*, *Du Roi.*

2. *CASTANEA*, *Tourn.*
vesca, *L.*

3. *FAGUS*, *Tourn.*
**ferruginea*, *Ait.*

4. *CORYLUS*, *Tourn.*
Americana, *Walt.*

5. *CARPINUS*, *L.*
**Americana*, *Michx.*

6. *OSTRYA*, *Micheli.*
**Virginica*, *Willd.*

Order 97. *MYRICACEÆ.*

1. *COMPTONIA*, *Solander.*
asplenifolia, *Ait.*

Order 98. *BETULACEÆ.*

1. *BETULA*, *Tourn.†*
populifolia, *Ait.*
papyracea, *Ait.*

- lenta*, *L.*
- nana*, *L.*

2. *ALNUS*, *Tourn.*
serrulata, *Ait.*

Order 99. *SALICACEÆ.*

1. *SALIX*, *Tourn.†*
**discolor*, *Muhl.*
**sericea*, *Marshall.*
angustata, *Pursh.*
vitellina, *Sur & Bor.*
**nigra*, *Marshall.*
lucida, *Muhl.*
longifolia, *Muhl.*
pedicellaris, *Pursh.*

2. *POPULUS*, *Tourn.*
tremuloides, *Michx.*
**grandidentata*, *Michx.*
heterophylla, *L.*
**monilifera*, *Ait.*
alba, *L.*

Order 100. *CONIFERÆ.*

1. *PINUS*, *Tourn.*
rigida, *Miller.*

2. *THUJA*, *Tourn.*
occidentalis, *L.*

3. *CUPRESSUS*, *Tourn.*
thyoides, *L.*

4. *JUNIPERUS*, *L.*
communis, *L.*
**Virginiana*, *L.*

5. *PHYLOCLADUS*, *Rich.*

CLASS II. ENDOGENS.

Order 101. ARACEÆ.

1. ARISEMA, *Martins.*
*triphyllum, *Torr.*
*Dracontium, *Schott.*
2. CALLA, *L.*
palustris, *L.*
3. SYMPLOCARPUS, *Salisb.*
*fœtidus, *Salisb.*
4. ORONTIUM, *L.*
aquaticum, *L.*
5. ACORUS, *L.*†
*Calamus, *L.*
6. ARUM.

Order 102. TYPHACEÆ.

1. SPARGANIUM, *Tourn.*†
*ramosum, *Hudson.*
*simplex, *Hudson.*
2. TYPHA, *L.*

Order 103. NAIADACEÆ.

1. POTAMOGETON, *Tourn.*†
*pectinatus, *L.*
*pauciflorus, *Pursh.*
*compressus, *L. ex Fries.*
perfoliatus, *L.*
*natans, *L.*
heterophyllus, *Schreber.*

Order 104. ALISMACEÆ.

1. ALISMA, *L.*†
Plantago, *L.*
*var. Americanum, *Gr.*
2. SAGITTARIA, *L.*
*variabilis, *Engelm.*
var. obtusa, *Gray.*
var. latifolia, *Gray.*
var. sagittifolia, *Gray.*
heterophylla, *Pursh.*

3. SCHEUCHZERIA, *L.*
4. TRIGLOCHIN, *L.*

Order 105. HYDROCHARIDACEÆ.

1. ANACHARIS, *Rich.*
*Canadensis, *Planch.*

Order 106. ORCHIDACEÆ.

1. ORCHIS, *L.*†
*spectabilis, *L.*
2. PLATANThERA, *Richard.*
orbiculata, *Lindl.*
bracteata, *Torr.*
hyperborea, *Lindl.*
flava, *Gray.*
ciliaris, *Lindl.*
lacera, *Gray.*
psycodes, *Gray.*
fimbriata, *Lindl.*
3. GOODYERA, *R. Br.*
*pubescens, *R. Br.*
4. SPIRANTHES, *Richard.*
*gracilis, *Bigelow.*
*cernua, *Richard.*
5. POGONIA, *Juss.*
ophioglossoides, *Nutt.*
*pendula, *Lindl.*
6. CALOPOGON, *R. Br.*
pulchellus, *R. Br.*
7. LIPARIS, *Richard.*
Lœselii, *Richard.*
8. CORALLORHIZA, *Haller.*
*innata, *R. Br.*
*multiflora, *Nutt.*
*odontorrhiza, *Nutt.*
9. APLECTRUM, *Nutt.*
*hyemale, *Nutt.*

10. CYPRIPEDIUM, *L.*
 *pubescens, *Willd.*
 parviflorum, *Salisb.*
 candidum, *Muhl.*
 *spectabile, *Swartz.*

11. DENDROBIUM, *Swartz.*
12. EARIA, *Lindl.*
13. EPIACTIS, *Hall.*
14. MICROTIS, *R. Br.*
15. ORTHOCERAS, *R. Br.*
16. PTEROSTYLIS, *R. Br.*
17. SATYRIUM, *Swartz.*
18. THELYMITRA, *Forst.*

Order 107. AMARYLLIDACEÆ.

1. HYPOXIS, *L.*
 *erecta, *L.*
2. NARCISSUS, *L.*

Order 108. BROMELIACEÆ.

1. TILLANDSIA, *L.*
 usneoides, *L.*

Order 109. IRIDACEÆ.

1. IRIS, *L.*
 *versicolor, *L.*
2. SISYRINCHIUM, *L.*
 *Bermudiana, *L.*
 *var. anceps, *Gray.*

Order 110. DIOSCOREACEÆ.

1. DIOSCOREA, *Plumier.*
 *villosa, *L.*
2. TAMUS.

Order 111. SMILACEÆ.

1. SMILAX, *Tourn.*
 hispida, *Muhl.*
 *herbacea, *L.*
2. TRILLIUM, *L.*
 *sessile, *L.*

- cernuum, *L.*
 *erectum, *L.*
 grandiflorum, *Salisb.*
 nivale, *Riddell.*

3. MEDEOLA, *Gronov.*
 Virginica, *L.*

4. PARIS, *L.*

5. RIPOGONUM, *Forst.*

Order 112. LILIACEÆ.

1. POLYGONATUM, *Tourn.*
 biflorum, *Ell.*
 *giganteum, *Dietrich.*

2. SMILACINA, *Desf.*
 *racemosa, *Desf.*
 bifolia, *Ker.*

3. CLINTONIA, *Raf.*
 borealis, *Raf.*

4. SCILLA, *L.†*
 *Fraseri, *Gray.*

5. ALLIUM, *L.†*
 *triccoccum, *Ait.*
 *cernuum, *Roth.*
 *Canadense, *Kalm.*

6. LILIUM, *L.*
 Philadelphicum, *L.*
 *Canadense, *L.*

7. ERYTHRONIUM, *L.†*
 *Americanum, *Sm.*
 *albidum, *Nutt.*

8. ARTHROPODIUM, *R. Br.*

9. ANTHERICUM, *L.*

10. ASPHODELUS, *L.*

11. CONVALLARIA, *Desf.*

12. CORDYLINE, *Comm.*

13. DIANELLA, *Lam.*

14. FRITILLARIA, *L.*

15. ORNITHOGALUM, *Link.*

Order 113. MELANTHACEÆ.

1. UVULARIA, *L.*
*grandiflora, *Smith.*
*perfoliata, *L.*
2. PROSARTES, *Don.*
lanuginosa, *Don.*
3. MELANTHIUM, *Gronov., L.*
*Virginicum, *L.*
4. ZYGADENUS, *Michx.*
glaucus, *Nutt.*
5. AMIANTHIUM, *Gray.*
angustifolium, *Gray.*
6. CHAMÆLIRIUM, *Willd.*
luteum, *Gray.*
7. TOFIELDIA, *Hudson.*
glutinosa, *Willd.*
8. BULBOCODIUM, *L.*
9. COLCHICUM, *Tourn.*

Order 114. JUNCACEÆ.

1. LUZULA, *DC.†*
pilosa, *Willd.*
*campestris, *DC.*
2. JUNCUS, *L.†*
*effusus, *L.*
*scirpoides, *Lam.*
*acuminatus, *Michx.*
*marginatus, *Rostk.*
*tenuis, *Willd.*
3. ASTELEA, *Sol.*
4. NARTHECIUM, *Moh.*

Order 115. PONTEDERIACEÆ.

1. PONTEDERIA, *L.*
cordata, *L.*
2. HETERANTHERA, *Ruiz & Pav.*
*reniformis, *Ruiz & Pav.*
3. SCHOLLERA, *Schreber.*
*graminea, *Willd.*

Order 116. COMMELYNACEÆ.

1. COMMELYNA, *Dill.*
*Virginica, *L.*
communis, *L.*
agraria, *Kunth.*
2. TRADESCANTHA, *L.*
*Virginica, *L.*

Order 117. XYRIDACEÆ.

1. XYRIS, *L.*
bulbosa, *Kunth.*

Order 118. ERIOCAULONACEÆ.

1. ERIOCAULON, *L.*
septangulare, *Withering.*

Order 119. CYPERACEÆ.

1. CYPERUS, *L.*
*flavescens, *L.*
*strigosus, *L.*
*var. speciosus, *Gray.*
*inflexus, *Muhl.*
Hydra, *Michx.*
2. KYLLINGIA, *L.*
*pumila, *L.*
3. DULICHIMUM, *Richard.*
*spathaceum, *Pers.*
4. ELEOCHARIS, *R. Br.*
*obtusa, *Schulles.*
*palustris, *R. Br.*
5. SCIRPUS, *L.†*
*lacustris, *L.*
*atrovirens, *Muhl.*
polyphyllus, *Vahl.*
*lineatus, *Michx.*
*Eriophorum, *Michx.*
6. ERIOPHORUM, *L.†*
Virginicum, *L.*
polystachyon, *L.*
gracile, *Koch.*

7. RHYNCHOSPORA, *Vahl.*†
capillacea, *Torr.*
8. CLADIUM, *P. Browne.*
mariscoides, *Torr.*
9. SCLERIA, *L.*
verticillata, *Muhl.*
10. CAREX, *L.*†
exilis, *Dew.*
capitata, *L.*
*polytrichoides, *Muhl.*
*bromoides, *Schk.*
*vulpinoidea, *Michx.*
*stipata, *Muhl.*
*sparganioides, *Muhl.*
*cephalophora, *Muhl.*
*rosea, *Schk.*
Deweyana, *Schw.*
*stellulata, *Good.*
*scoparia, *Schk.*
*Shortiana, *Dew.*
*granularis, *Muhl.*
*gracillima, *Schw.*
*virescens, *Muhl.*
*triceps, *Michx.*
plantaginea, *Lam.*
*Careyana, *Torr.*
platyphylla, *Carey.*
laxiflora, *Lam.*
*oligocarpa, *Schk.*
umbellata, *Schk.*
*Pennsylvanica, *Lam.*
*pubescens, *Muhl.*
Pseudo-Cyperus, *L.*
*hysetricina, *Willd.*
*tentaculata, *Muhl.*
intumescens, *Rudge.*
folliculata, *L.*
*lupulina, *Muhl.*
*squarrosa, *L.*
*stenolepis, *Torr.*
Schweinitzii, *Dew.*
vesicaria, *L.*
11. SCHENUS, *L.*

Order 120. GRAMINEÆ.

1. LEERSIA, *Solander.*
*oryzoides, *Swartz.*
*Virginica, *Willd.*
2. AGROSTIS, *L.*†
elata, *Trin.*
*scabra.
3. CINNA, *L.*
*arundinacea, *L.*
4. MUHLENBERGIA, *Schreber.*
glomerata, *Trin.*
5. ARUNDINARIA, *Michx.*
macrosperma, *Michx.*
6. BRACHYELYTRUM, *Beauv.*
aristatum, *Beauv.*
7. ORYZOPSIS, *Michx.*
asperifolia, *Michx.*
8. ELEUSINE, *Gärtn.*
*Indica, *Gärtn.*
9. TRICUSPIS, *Beauv.*
*seslerioides, *Torr.*
10. DIARRHENA, *Raf.*
*Americana, *Beauv.*
11. DACTYLIS, *L.*
*glomerata, *L.*
12. POA, *L.*†
pratensis, *L.*
*compressa, *L.*
serotina, *Ehrhart.*
13. FESTUCA, *L.*†
*elatior, *L.*
14. ERAGROSTIS, *Beauv.*
reptans, *Nees.*
15. BROMUS, *L.*
secalinus, *L.*
Kalmii, *Gray.*
*ciliatus, *L.*

16. *UNIOLA*, *L.*
**latifolia*, *Michx.*
17. *PHRAGMITES*, *Trin.*
communis, *Trin.*
18. *TRITICUM*, *L.*
repens, *L.*
19. *HORDEUM*, *L.*
jubatum, *L.*
20. *SECALE*, *L.*
cereale, *L.*
21. *ELYMUS*, *L.*
**Virginicus*, *L.*
**Canadensis*, *L.*
**striatus*, *Willd.*
22. *GYMNOSTICHUM*, *Schreb.*
**Hystrix*, *Schreb.*
23. *DANTHONIA*, *DC.*
**spicata*, *Beauv.*
24. *TRISETUM*, *Persoon.*
palustre, *Torr.*
25. *ARRHENATHERUM*, *Beauv.*
**avenaceum*, *Beauv.*
26. *ANTHOXANTHUM*, *L.*
odoratum, *L.*
27. *PHALARIS*, *L.*†
arundinacea, *L.*
28. *PANICUM*, *L.*
**sanguinale*, *L.*
agrostoides, *Spreng.*
**proliferum*, *Lam.*
**capillare*, *L.*
**Crus-galli*, *L.*
**dichotomum*, *L.*
**depauperatum*, *Muhl.*
29. *SETARIA*, *Beauv.*†
**glauca*, *Beauv.*
**viridis*, *Beauv.*
30. *ANDROPOGON*, *L.*
furcatus, *Muhl.*
scoparius, *Michx.*
**Virginicus*, *L.*
31. *SORGHUM*, *Pers.*
nutans, *Gray.*
32. *COIX*, *L.*
Lacryma, *L.*
33. *AVENA*, *L.*
34. *BRACHYPODIUM*, *Pal.*
35. *BRIZA*, *L.*
36. *HIEROCHLOA*, *Gmel.*
37. *OPLISMENUS*, *Palis.*
38. *PASPALUM*, *L.*
39. *PHLEUM*, *L.*
40. *SPINIFEX*, *L.*

CRYPTOGAMOUS PLANTS.

CLASS III. ACROGENS.

Order 121. EQUISETACEÆ.

1. EQUISETUM, *L.*†
 arvense, *L.*
 sylvaticum, *L.*
 hyemale, *L.*
 variegatum, *Schleier.*

Order 122. FILICES.

1. POLYPODIUM, *L.*†
 vulgare, *L.*
 *hexagonopterum, *Michx.*
 Dryopteris, *L.*
 incanum, *Willd.*
2. STRUTHIOPTERIS, *Willd.*
 Germanica, *Willd.*
3. ALLOSORUS, *Bernh.*†
 atropurpureus, *Gray.*
4. PTERIS, *L.*†
 *aquilina, *L.*
 *var. caudata, *Gr.*
5. ADIANTUM, *L.*†
 *pedatum, *L.*
6. CHEILANTHES, *Swartz.*†
 vestita, *Willd.*
 tomentosa, *Link.*
7. CAMPTOSORUS, *Link.*
 *rhizophyllus, *Link.*
8. ASPLENIUM, *L.*†
 pinnatifidum, *Nutt.*
 Ruta-muraria, *L.*
 Trichomanes, *L.*
 *ebeneum, *Ait.*
 *angustifolium, *Michx.*
- *thelypteroides, *Michx.*
 *Filix-foemina, *R. Br.*
9. DICKSONIA, *L'Her.*
 punctilobula, *Hook.*
10. WOODSIA, *R. Brown.*†
 obtusa, *Torr.*
11. CYSTOPTERIS, *Bernh.*†
 bulbifera, *Bernh.*
 *fragilis, *Bernh.*
12. ASPIDIUM, *Swartz.*†
 *Thelypteris, *Swartz.*
 *Noveboracense, *Willd.*
 spinulosum, *Swartz.*
 cristatum, *Swartz.*
 *Goldianum, *Hook.*
 *marginale, *Swartz.*
 *acrostichoides, *Swartz.*
 Lonchitis, *Swartz.*
13. ONOCLEA, *L.*
 *sensibilis, *L.*
14. OSMUNDA, *L.*†
 *regalis, *L.*
 *var. spectabilis, *Gr.*
 *Claytoniana, *L.*
 *cinnamonea, *L.*
15. BOTRYCHIUM, *Swartz.*†
 *lunarioides, *Swartz.*
 *Virginicum, *Swartz.*
16. OPHIOGLOSSUM, *L.*†
 *vulgatum, *L.*
17. ATHYRIUM, *Roth.*
18. BLECHNUM, *L.*
19. CÆNOPTERIS, *Berg.*

20. CETERACH, *Adans.*
21. CYATHEA, *Sm.*
22. GRAMMITIS, *Swartz.*
23. HYMENOPHYLLUM, *Sm.*
24. HYPOLOPIS, *Presl.*
25. LASTREA, *Borg.*
26. LINDSÆA, *Dryand.*
27. LOMARIA, *Willd.*
28. LYGODIUM, *Swartz.*
29. NIPHOBOLUS, *Kaulf.*
30. POLYSTICHIIUM, *Roth.*

31. SCHIZÆA, *Sm.*
32. SCOLOPENDRIUM, *Sm.*
33. TRICHOMANES, *L.*

Order 123. LYCOPODIACEÆ.

1. LYCOPODIUM, *L., Spreng.†*
 lucidulum, Michx.
 annotinum, L.
 clavatum, L.
 complanatum, L.
2. SELAGINELLA, *Beauv., Spring.*
 selaginoides, Gray.
 rupestris, Spring.

APPENDIX.

FOREIGN PLANTS.

PHÆNOGAMIA.

NOTE.—Those plants which have names of authors affixed are from New Zealand. The alphabetical arrangement is in the order of the vowels.

AZALEA procumbens.
ATHAMANTHA meum.
ANAGALLIS tenella.
ARABIS thaliana.
ASTRAGALUS Massiliensis.
ARALIA Sheffler, *Spr.*
ANTHEMIS montana.
ARENARIA cespitosa.

 grandiflora.
 hybrida.
 juniperifolia.
 linifolia.
 rubra.
 saxatilis.
 striata.
 tenuifolia.
 trinervis.
 viscosa.
 verna.

ALCHEMILLA alpina.
AVENA flavescens, *L.*
 pubescens.
ASPERULA lævigata.
 odorata.
 tomentosa.
ANTHERICUM calyculatum.
 liliago.

ARETIA alpina.
 tomentosa.
ASPERUGO procumbens.
ANEMONE alpina.
 baldensis.
 Halleri.
 Indica.
 nemorosa.
 narcissiflora.
 pulsatilla.
 ranunculoides.
 sulfurea.
 sylvestris.

ALSENOSMA macrophylla, *A. Cunn.*
ASTELEA Banksii, *A. Rich.*
ATRIPLEX acuta.
 rosea.
AGRIMONIA Eupatoria.
ALLIUM descendens.
ALISMA damasonium.
 Plantago.
ALCHIMILLA vulgaris.
ACHILLEA herbarata.
 nana.
ATROPA Belladonna.
ASPHODELUS fistulosus.
ANDROSACE carnea.

(ANDROSACE.)

- lactea.
- orientalis.
- obtusifolia.
- villosa.

ANDROMEDA polifolia.

ADOXA Moschatellina.

ADONIS vernalis.

AGROSTEMMA flos-Jovis.

ACORUS calamus.

AGROSTIS Æmula, *R. Br.*

crinita, *R. Br.*

ovata, *R. Br.*

ARTHROPODIUM cirrhatum, *R. Br.*

ARUM maculatum.

AJUGA pyramidalis.

ANCHUSA angustifolia.

officinalis.

AQUILEGIA vulgaris.

ALYSSUM alpestre.

calcynum.

halmifolium.

maritimum.

montanum.

saxatile.

ANTHYLLIS montana.

BRACHYPODIUM sylvaticum.

BRASSICA Erucastrum.

BRACHYLOTTIS repanda, *Forst.*

BETONICA officinalis.

BETULA nana.

BRIZA minor, *L.*

BUFONIA tenuifolia.

BUPLEURUM angulosum.

juncum.

longifolium.

odontites.

protractum.

stellatum.

tenuissimum.

BULBOCODIUM vernum.

BRUNELLA vulgaris.

CAREX curta.

filiformis.

paniculata.

precox.

(CAREX.)

pulicans.

riparia.

CAUCALIS daucoides.

heterosperma.

pumila.

CAMPANULA glomerata.

CASSINIA retorta, *A. Conn.*

CARPODETUS serratus, *Forst.*

CARMICHELIA australis, *R. Br.*

CERASTIUM alpinum.

aquaticum.

latifolium.

refractum.

CERINTHE minor.

CHEIRANTHUS alpinus.

CLEMATIS indivisa, *Willd.*

CISTUS guttatus.

helianthemum.

CLINOPODIUM vulgare.

CHIRONIA centaureum.

CINERARIA maritima.

CORNUS sanguinea.

CONVALLARIA multiflora.

polygonatum.

COLCHICUM autumnale.

CHLORA perfoliata.

serotina.

COTYLEDON umbilicus.

COMARIUM palustre.

COPROSMA robusta, *Forst.*

CORYNOCARPUS lævigata, *Forst.*

CONVOLVULUS sepium, *L.*

CORIARIA sarmentosa, *Forst.*

COROKIA Buddleioides, *R. Conn.*

CORDYLINE australis, *Endl.*

CRUCIANELLA angustifolia.

CUCUBALUS Ægyptius.

baccifer.

tartaricus.

CHRYSOSPLENIUM oppositifolium.

CYATHODES acerosa, *R. Br.*

DRAEA arvensis.

DRACOCEPHALUM Sibricum.

DAPHNE eneorum.

lareola.

DRACOPHYLLUM arvilleanum, *L.*
 DENDROBIUM Cunninghamii, *Lindl.*
 DIANTHUS glacialis, *Gaud.*
 monspessulanis.
 DICERA dentata, *Forst.*
 DIANELLA intermedia, *Endl.*
 DROSERA anglica.
 intermedia, *DC.*
 longifolia.
 lunata, *Buch.*
 rotundifolia.
 DRYAS octopetala.
 EXACUM filiforme.
 ERANTHIS hyemalis.
 EPACRIS pauciflora, *A. Rich.*
 EARINA mucronata, *Lindl.*
 ELATOSTEMMA rugosa, *Banks & Sol.*
 ERECHTHITES quadridentata, *DC.*
 EPIPACTIS palustris.
 ERIGERON acris.
 ERITRICHUM nanum.
 ERICA carnea.
 herbacea.
 tetralix.
 vulgaris.
 ERIOPHORUM alpinum.
 EPILOBIUM pallidiflorum, *Sol.*
 ECHUM vulgare.
 EUPHORBIA cyparissias.
 pithyusa.
 ERYTHRÆA linarifolia.
 ERYSIMUM Cherianthoides.
 Helveticum.
 ERYTHRONIUM, dens-canis.
 ERYNGIUM alpinum.
 EURYBIA axillaris, *DC.*
 cydoniæfolia, *DC.*
 furfuracea, *DC.*
 FRAGARIA sterilis.
 FESTUCA bromoides, *L.*
 FILAGO Jussiei.
 FRITILLARIA metegus.
 FRIESIA racemosa, *DC.*
 GALIUM austriacum.
 boreale.
 montanum.

(GALIUM.)

 minutum.
 propinquum, *A. Cunn.*
 purpureum.
 rotundifolium.
 rubrum.
 saxatile.
 tenuicaule, *A. Cunn.*
 uliginosum.
 GNAPHALIUM supinum.
 keriense, *R. Cunn.*
 GALEOPSIS ladanum.
 GRATIOLA officinalis.
 sexdentata, *R. Cunn.*
 GAULTHERIA antipoda, *A. Rich.*
 GENISTA anglica.
 cinerea.
 pilosa.
 prostrata.
 segetalis.
 tinctoria.
 GENTIANA acaulis.
 Asclepiadia.
 amorella.
 bavarica.
 ciliata.
 glacialis.
 Germanica.
 mollis.
 nivalis.
 Pneumonanthe.
 punctata.
 purpurea.
 utriculosa.
 verna.
 GEUM montanum.
 rivale.
 GERANIUM Robertianum.
 retrosum, *L'Her.*
 GLECHOMA hederacea.
 GENIOSTOMA ligustrifolium, *A. Rich.*
 GOODENIA repens, *R. Br.*
 HARTIGHSEA spectabilis, *Juss.*
 HELIOTROPUM Europeum.
 HELLEBORIS viridis.
 HELIANTHEMUM lunulatum.

(HELIANTHEMUM.)

lavandulæfolium.

HEDYCARPA dentata, *Forst.*HIERACIUM andryoloides.
lautum.

HISPIDELLA Hispanica.

HIEROCHLOA antarctica, *R. Br.*

HOTTONIA palustris.

HOHERIA populnea, *A. Cunn.*

HOPERICUM androssemum.

barbatum.

Egyptiacum.

hirsutum.

humifusum.

maculatum.

pulchrum.

pusillum, *Choix.*

Richeni.

HYSSOPUS officinalis.

HYDROCOTYLE vulgaris.

HYOSCYAMUS niger.

ISACHNE australis, *R. Br.*

ILLECEBRUM Paronchia.

verticillatum.

IBERIS nudicaulis.

pinnata.

rotundifolia.

saxatilis.

sempervirens.

JUNCUS balticus.

bufonius.

campestris.

effusus.

filiformis.

trifidus.

KNIGHTIA excelsa, *R. Br.*

LAMIAM album.

garganicum.

LAVANDULA stæchas.

LEPIDIUM anglicum.

graminifolium.

Smithii.

LEPTOSPERMA scoparium, *Forst.*LEUCOPOGON fasciculatus, *A. Rich.*

LINNÆA borealis.

LINUM catharticum.

(LINUM.)

flavum.

maritimum.

monogynum, *Forst.*

pumilum.

tenuissimum.

LINARIA Boissiere.

LOBELIA alata, *R. Br.*littoralis, *R. Cunn.*

urens.

LORANTHUS tetrapetalus, *L.*

LUZULA lutea.

LYCHNIS alpina.

Chalcedonica.

quadrifolia.

LYSIMACHIA thyrsiflora.

vulgaris.

LYTHRUM salicaria.

MARRUBIUM acetabulosum.

Hispanicum.

MENTHA aquatica.

arvensis.

gentilis.

viridis.

MELISSA melissophyllum.

MENZIESIA polyfolia.

MEDICAGO marina.

MELICYTUS ramiflorus, *Forst.*MELICOPE ternata, *Forst.*METROSIDEROS buxifolia, *A. Cunn.*hypericifolia, *A. Cunn.*robusta, *A. Cunn.*MICROTIS Banksii, *R. Br.*MIDA salicifolia, *R. Cunn.*MICROMERIA Cunninghamii, *Benth.*

MYRTUS communis.

MYOSURUS minimus.

nana.

MYAGRUM paniculatum.

perfoliatum.

rugosum.

saxatile.

MYOSOTIS Forsteri, *Lchm.*

suaveolens.

MYRIOGYNE minuta, *Less.*

NARTHECIUM ossifragum.

- NARCISSUS biflorus.
 pseudo-narcissus, *L.*
 NERTERA depressa, *Banks.*
 NEPETA nuda.
 Panmonica.
 violacea.
 OXALIS acetosella.
 OLEA apetala, *Vahl.*
 ORIGANUM vulgare.
 ORCHIS globosus.
 longibracteata.
 maculata.
 palustris.
 ORNITHOGALUM luteum.
 OPLISMENUS hirtellus, *Palis.*
 ORTHOCERAS strictum, *R. Br.*
 OROBUS tuberosus.
 ONONIS arvensis.
 OXYTROPIS campestris.
 montana.
 PARNASSIA palustris.
 PARIS quadrifolia.
 PLANTAGO alpina.
 columnæ.
 cynops.
 indica.
 lagopus.
 maritima.
 subulata.
 PARONYCHIA polygonifolia.
 serpyllifolia.
 PANAX arboreum, *Forst.*
 PASSIFLORA tetrandra, *Sol.*
 PLAGIANTHUS divaricatus, *Forst.*
 PHALARIS canariensis, *L.*
 PARSONSIA heterophylla, *R. Br.*
 PASPALUM articulare, *Forst.*
 PEDICULARIS cenisia.
 palustris.
 rosea.
 sylvatica.
 tuberosa.
 PEPLIS portula.
 PEUCEDANUM Alsaticum.
 PELTARIA Alliocea.
 PHLEUM arenaria.
 PETROCALLIS pyrenaica.
 PELARGONIUM clandestinum, *L'Her.*
 PHEBALIUM nudum, *Hook.*
 PTEROSTYLIS Banksii, *R. Br.*
 PEPEROMIA urvilleana, *A. Rich.*
 PINGUICULA alpina.
 grandiflora.
 Lusatanica.
 vulgaris.
 PISUM maritimum.
 PRIMULA alpina.
 elatior.
 farinosa.
 longiflora.
 veris.
 viscosa.
 PITTOSPORUM crassifolium, *Banks & Sol.*
 cornifolium, *A. Cunn.*
 tenuifolium, *Banks & Sol.*
 PIPER excelsum, *Forst.*
 PIMELEA arenaria, *A. Cunn.*
 gnidia, *Vahl.*
 prostrata, *Vahl.*
 virgata, *Vahl.*
 POLYGONUM australe, *Endl.*
 bistorta.
 POA australis, *R. Br.*
 distans.
 rigida.
 POTAMOGETON lucens.
 POTENTILLA aurea.
 caulescens.
 frigida.
 intermedia.
 labacaulis.
 monspeliensis.
 nivalis.
 nivea.
 nitida.
 pilosa.
 rotare.
 PHLOMIS Herba.
 POLEMONIUM cœruleum.
 POMADERRIS ericifolia, *Hook.*
 PULMONARIA officinalis.
 PULICARIA vulgaris.

PHYLLOCLADUS trichomanoides, *Don.*

PYROLA secunda.

uniflora.

RANUNCULUS alpestris.

aquaticus.

ficaria.

glacialis.

lingua.

Pyrenæus.

RHAMNUS alpinus.

RADIOLA millegramm.

RHABDOTHAMNUS solandri, *A. Cunn.*

RESEDA glauca.

lutea.

odorata.

RHIXANTHUS major.

RIPOGONIUM parviflorum, *R. Br.*

ROSA alpina.

cinnamomea.

gallica.

pimpinellifolia.

RUMEX acetosella.

acetosa.

RUUS cotinus.

RUBUS cissoides, *A. Cunn.*

saxatilis.

schmidelioides, *A. Cunn.*

RHYNCHOSPORA alba.

SAXIFRAGA bryoides.

hirculus.

hypnoides.

muscoides.

nivalis.

planifolia.

SALICORNIA herbacea.

SAMOLUS littoralis, *R. Br.*

Valerandi.

SALIX fusca.

var. argentea.

herbacea.

repens.

SPARGANIUM natans.

STACHYS arvensis.

alpina.

circinata.

hirta.

(STACHYS.)

maritima.

SCABIOSA arvensis.

cretica.

columbaria.

stellata.

STATICE bellidifolium.

cordata.

limonium.

minuta.

pubescens.

spathulata.

SATYRIUM albidum.

SAAPONARIA lutea.

SEDUM acre.

reflexum.

villosum.

STELLARIA holostea.

SCLERANTHUS perennis.

SETARIA viridis.

SHERARDIA arvensis.

STEENHAMMERA maritima.

SWERTIA perennis.

SELINUM carvifolia.

SENECIO arbrotanifolius.

incanus.

neglectum, *A. Rich.*

SCHUECHZERIA palustris.

SILENE acaulis.

antirrhina.

cretica.

conica.

cordifolia.

gallica.

inaperta.

lusitanica.

nocturna.

noctiflora.

nutans.

paradoxa.

pilosa.

rupestre.

SIDERITIS cretica.

hirsuta.

hyssopifolia.

montana.

- SICYOS australis, *Endl.*
 SISYMBRIUM austriarum.
 bursæfolium.
 columnæ.
 murale.
 sylvestre.
 SCILLA italica.
 SPIRÆA filipendula.
 ulmaria.
 SCIRPUS Holoschænus.
 SPINIFEX sericeus, *R. Br.*
 SOLDANELLA alpina.
 montana.
 SONCHUS oleraceus, *L.*
 SOLANUM nigrum, *L.*
 SCHÆNUS nigricans.
 SUTTONIA australis, *A. Rich.*
 SCUTELLARIA alpina.
 galericulata.
 peregrina.
 SYMPHYTUM tuberosum.
 SMYRNIUM olusatrum.
 TAMUS communis.
 THALICTRUM alpinum.
 aquilegiæfolium.
 flavum.
 minus.
 THLASPI alpestris.
 montanum.
 TEESDALIA nudicaulis.
 TEUCRIUM botrys.
 creticum.
 flavum.
 fruticans.
 polium.
 scordium.
 scorodonia.
 THESIUM alpinum.
 THELYMITRA Forsteri, *Sw.*
 TRIFOLIUM arvense.
 medium.
 scabrum.
 suffocatum.
 TRIBULUS terrestris.
 TRIENTALIS Europea.
 TRIGLOCHIN flaccidum, *A. Cunn.*
 TROLLIUS Europeus.
 TURRITIS glabra.
 TYPHA angustifolia.
 THYMUS serpyllum.
 UTRICULARIA vulgaris.
 URTICA debilis, *Endl.*
 ferox, *Willd.*
 VERONICA alpina.
 arvensis.
 hederæfolia.
 latifolia.
 officinalis.
 prostrata.
 salicifolia, *Forst.*
 teucrium.
 VELLA pseudo-cytisus.
 VICIA lutea.
 VITTADINIA australis, *Less & Rich.*
 VITEX littoralis, *A. Cunn.*
 VIBURNUM opulus.
 VINCA minor.
 VIOLA biflora.
 calcarata.
 cenisia.
 hirta.
 mirabilis.
 montana.
 palustris.
 tricolor.
 WEINMANNIA betulina, *A. Rich.*
 XANTHIUM spinosum.
 XERANTHEMUM inapertum.

CRYPTOGAMIA.

FILICES. (British Ferns.)

(Collected by JOSEPH CLARK, in Great Britain,
from October, 1853, to September, 1854.)

ADIANTUM Capillus-Veneris, *L.*

ALLOSORUS crispus, *Bernh.*

ASPLENium Adiantum-nigrum, *L.*
fontanum, *Bernh.*

Germanicum, *Weiss.*

lanceolatum, *Hudson.*

marinum, *L.*

Ruta-muraria, *L.*

septentrionale, *Hull.*

Trichomanes, *L.*

viride, *Hudson.*

ATHYRIUM Filix-fœmina, *Roth.*
molle, *Roth.*

rhæticum, *Roth.*

BLECHNUM spicant, *Roth.*

BOTRYCHIUM Lunaria, *L.*

CETARACH officinarum, *Willd.*

CYSTOPTERIS alpina, *Desv.*

angustata, *Bernh.*

dentata, *Bernh.*

Dickieana, *Bernh.*

fragilis, *Bernh.*

HYMENOPHYLLUM Tunbridgense, *Sm.*
unilaterale, *Willd.*

LASTREA cristata, *Presl.*

dilatata, *Presl.*

Filix-mas, *Presl.*

fœniseeii, *Watson.*

Oreopteris, *Presl.*

rigida, *Presl.*

spinulosa, *Presl.*

Thelypteris, *Presl.*

uliginosa, *Newm.*

OPHIOGLOSSUM vulgatum, *L.*

OSMUNDA regalis, *L.*

POLYPODIUM alpestre, *Spreng.*

Cambrium, *L.*

Dryopteris, *L.*

Phegopteris, *L.*

(POLYPODIUM.)

Robertianum, *Hoffm.*

vulgare, *L.*

POLYSTICHIMUM aculeatum, *Roth.*

angulare, *Presl.*

lobatum, *L.*

Lonchitis, *Roth.*

PTERIS aquilina, *L.*

SCOLOPENDRIUM vulgare, *Symons.*
var. multifidum.

TRICHOMANES radicans, *Swartz.*

WOODSIA alpina, *R. Br.*

hyperborea, *R. Br.*

Ilvensis, *R. Br.*

(New Zealand Ferns.)

ASPIDIUM hispidum, *Sw.*

pennigerum, *Sw.*

ASPLENIUM bulbiferum, *Forst.*

falcatum, *Sw.*

flabellifolium, *Cav.*

lucidum, *Forst.*

CÆNOPTERIS flaccida, *Sw.*

CHEILANTHES tenuifolia, *Sw.*

CYATHEA medullaris, *Sw.*

GRAMMITIS australis, *R. Br.*

HYMENOPHYLLUM demissum, *Sw.*

dilatatum, *Sw.*

flabellatum, *Lab.*

polyanthos, *Sw.*

HYPOLEPIS tenuifolia, *Bernh.*

LINDSÆA linearis, *R. Br.*

trichomanoides, *Willd.*

LOMARIA discolor, *Willd.*

filiformis, *A. Cunn.*

lanceolata, *Spr.*

procera, *Spr.*

LYGODIUM articulatum, *A. Rich.*

NIPHOBOLUS bicolor, *Hook & Grav.*

POLYPODIUM billardieri, *R. Br.*

grammitidis, *R. Br.*

PTERIS brunoniana, *Endl.*

macilentia, *A. Rich.*

(PTERIS.)

rotundifolia, *Forst.*

SCHIZEA bifida, *Sw.*

TRICHOMANES humile, *Forst.*

EQUISETACEÆ.

EQUISETUM telmateia, *Ehrh.*

sylvaticum, *L.*

fluviatile, *L.*

LYCOPODIACEÆ.

LYCOPodium clavatum, *L.*

inundatum, *L.*

annotinum, *L.*

alpinum, *L.*

selaginoides, *L.*

selago, *L.*

MUSCI. (British Mosses.)

ANDREA alpina, *Hedw.*

nivalis, *Hook.*

rupestris, *Hedw.*

ATRICHUM undulatum, *Hedw.*

BARTRAMIA arcuata, *Brid.*

fontana, *Sw.*

gracilis, *Florker.*

halleriana, *Hedw.*

ithyphylla, *Brid.*

BUXHAUMIA aphylla, *Hall.*

BRYUM atropurpureum, *Br. & Sch.*

annotinum, *Hedw.*

alpinum, *L.*

cæspiticiu, *L.*

capillare, *L.*

carneum, *L.*

cernuum, *Br. & Sch.*

cuspidatum, *Schreb.*

elongatum, *Dicks.*

hornum, *Schreb.*

intermedium, *Br. & Sch.*

julaceum, *Schrad.*

ligulatum, *Schreb.*

Ludwigii, *Spring.*

nutans, *Schreb.*

pyriforme, *Sw.*

(BRYUM.)

punctatum, *Schreb.*

pallens, *Sw.*

palustre, *Sw.*

rostratum, *Schrad.*

roseum, *Schreb.*

squarrosu, *Hedw.*

trichodes, *L.*

turbinatum, *Sw.*

ventricosu, *Dicks.*

Wahlenbergii, *Schw.*

CATASCOPIUM nigratum, *Brid.*

CINCLIDOTUS fontinaloides, *Pal.*

CONOSTOMUM boreale, *Sw.*

DALTONIA heteromalla, *Hook & Tayl.*

splachnoides, *Hook & Taylor.*

DICRANUM adiantoides, *Sw.*

cerviculatum, *Hedw.*

crispum, *Hedw.*

fuscescens, *Turn.*

flexuosu, *Hedw.*

flagellare, *Hedw.*

glaucum, *Hedw.*

heteromallu, *Hedw.*

polycarpum, *Ehrh.*

pellucidum, *Sw.*

squarrosu, *Schrad.*

Starkii, *Web. & Mohr.*

Schreberianu, *Hedw.*

scoparium, *Hedw.*

taxifolium, *Sw.*

DIDYMODON Bruntonii, *Arn.*

capillacens, *Schrad.*

flexicaule, *Schw.*

flexifolius, *Hook & Taylor.*

glaucescens, *Web. & Mohr.*

purpureus, *Hook & Taylor.*

trifarius, *Sw.*

ENCALYPTA ciliata, *Hedw.*

rhaptoarpa, *Schw.*

streptocarpa, *Hedw.*

vulgaris, *Hedw.*

ENCLADIUM verticillatum, *Br. & Sch.*

FONTINALIS squamosa, *L.*

antipyretica, *L.*

FUNARIA hygrometrica, *Hedw.*

GRIMMIA leucophæa, Grev.

- orbicularis, *Bruch.*
- patens, *Br. & Sch.*
- pulvinata, *Sm.*
- spiralis, *Hook.*
- torta, *Hornsch.*

GYMNOSTOMUM fasciculare, Hedw.

- Lapponicum, *Hedw.*
- microstomum, *Hedw.*
- ovatum, *Hedw.*
- pyriforme, *Hedw.*

HEDWIGIA æstiva, Hook.**HOOKERIA lucens, Sm.****HYPNUM albicans, Neck.**

- alopecurum, *L.*
- alpestre, *Grev.*
- atrovirens, *Dicks.*
- aduncum, *L.*
- abietinum, *L.*
- crista-castrensis, *L.*
- crocatum, *Taylor.*
- commutatum, *Hedw.*
- cordifolium, *Hedw.*
- catenulatum, *Schw.*
- confertum, *Dicks.*
- complanatum, *L.*
- cupressiforme, *L.*
- curvatum, *Sw.*
- depressum, *Br.*
- denticulatum, *L.*
- dendroides, *L.*
- fluviatila, *Sw.*
- flagellare, *Dicks.*
- loreum, *L.*
- lutescens, *Huds.*
- medium, *Dicks.*
- moniliforme, *Wahl.*
- molluscum, *Hedw.*
- myosuroides, *L.*
- nodiflorum, *Wils.*
- prælongum, *L.*
- purum, *L.*
- proliferum, *L.*
- populeum, *Hedw.*
- polyanthos, *Hook.*
- palustre, *L.*

(HYPNUM.)

- rufescens, *Dicks.*
- ruscifolium, *Neck.*
- rutabulum, *L.*
- riparium, *L.*
- rugulosum, *Web. & Mohr.*
- splendens, *Hedw.*
- striatum, *Schreb.*
- stellatum, *Schreb.*
- sericeum, *L.*
- strigosum, *Brid.*
- Schreberi, *Willd.*
- serpens, *L.*
- stramineum, *Dicks.*
- triquetrum, *L.*
- tenellum, *Dicks.*
- undulatum, *L.*

LEUCODON sciuroides, Schw.**MNIUM affine, Brid.**

- var. rugicum, *Br. & Sch.*
- stellare, *Hedw.*

NECKERA crispa, Hedw.

- curtipendula, *Hedw.*
- pumila, *Hedw.*
- vitriculosa, *Hedw.*

ORTHOTRICUM affine, Schrad.

- anomalum, *Hedw.*
- crispum, *Hedw.*
- cupulatum, *Hoffm.*
- Hutchinsiac, *Sm.*
- pulchellum, *Sm.*
- rupincola, *Funk.*
- rivulare, *Sm.*
- Sprucii, *Montagne.*
- stramineum, *Hornsch.*
- striatum, *Hedw.*

PHASCUM bryoides, Dicks.

- crispum, *Hedw.*
- muticum, *Schreb.*
- piliferum, *Schreb.*

PTEROGONIUM incurvescens, Wils.

- Smithii, *Sw.*

POLYTRICHUM alpinum, L.

- commune, *L.*
- Hercynicum, *Hedw.*
- juniperinum, *Willd.*

(POLYTRICHUM.)

- piliferum, *Schreb.*
 strictum, *Menzies.*
 septentrionale, *Sw.*
 urnigerum, *L.*

POGONATUM aloides, *Br. & Sch.*SPHAGNUM acutifolium, *Ehrh.*

- compactum, *Sch.*
 contortum, *Schultz.*
 cuspidatum, *Ehrh.*
 cymbifolium, *Ehrh.*
 molluscum.
 rubellum.
 squarrosus, *Web. & Mohr.*

SPLACHNUM mnioides, *Linn. fil.*

- sphæricum, *Linn. fil.*
 tenue, *Dicks.*
 vasculosum, *Hedw.*

SCHISTIDIUM confertum, *Br. & Sch.*

- apocarpum, *Br. & Sch.*

SCHISTOSTEGA pennata, *Brid.*TETRAPHIS pellucida, *Hedw.*TRICHOSTOMUM aciculare, *Pal.*

- canescens, *Hedw.*
 fasciculare, *Schrad.*
 homomallum, *Br. & Sch.*
 lanuginosum, *Hedw.*
 tortile, *Hedw.*

TIMMIA megapolitum, *Hedw.*TORTULA ambigua, *Br. & Sch.*

- convoluta, *Sw.*
 cuneifolia, *Turn.*
 gracilis, *Hook & Grev.*
 lavipila, *Br. & Sch.*
 marginata, *Br. & Sch.*
 revoluta, *Brid.*
 ruralis, *Sw.*
 unguiculata, *Hook & Taylor.*

WEISSIA acuta, *Hedw.*

- cirrata, *Hedw.*
 curvirostra, *Hook & Taylor.*
 lanceolata, *Hook & Taylor.*
 recurvata, *Hook & Taylor.*
 tenuirostris, *Hook & Taylor.*

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Pisum,	12, 38	SAPINDACEÆ,	11	Swertia,	23, 39	Woodsia,	32, 41
Piper,	25, 38	Sanguisorba,	13	Symphoricarpus,	15, 40		
Pilea,	25	SAXIFRAGACEÆ,	14	Synandra,	21	Xanthium,	17, 40
Pinus,	26	Saxifraga,	14, 39	Symphytum,	22, 40	Xeranthemum,	18, 40
Plagianthus,	10, 38	Sanicula,	14	Symplocarpus,	27	XyridACEÆ,	29
PLANTAGINACEÆ,	19	Sambucus,	15			Nyris,	29
Plantago,	19, 38	Samolus,	20, 39	Taraxacum,	18		
PLUMBAGINACEÆ,	19	Sabbatia,	23	Tamus,	28, 40	Zanthoxylum,	11
PLATANACEÆ,	25	Salicornia,	24, 39	Teedalia,	9, 40	Zizia,	15
Platanus,	25	SANTALACEÆ,	24	Tephrosia,	12	Zinnia,	17
Platanthera,	27	Saururus,	25	Tecoma,	20	ZYGOPHYLLACEÆ,	10
Podophyllum,	8			Teucrium,	21, 40	Zygadenus,	29

ADDENDA AND ERRATA.

- Page 9. After "Capparidaceæ," add order Resedaceæ. *Reseda*, *L.*
" 13. After "11. *Rosa*," add †.
" 18. Add to order "Compositæ," genus *Pulicaria*, *Gürt.*
" 22. Add to order "Borraginaceæ," genus *Pulmonaria*, *Tourn.*
" 25. Add to order "Santalaceæ," genera *Loranthus*, *L.*; and *Thesium*, *L.*
" 25. After "4. *Maclura*," read *Nutt.*
" 31. Add to order "Gramineæ," genus *Isachne*, *R. Br.*
" 34. After "*Alsenosma macrophylla*," read *Armeria juniperifolia*.
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- Page 12. For "22. *Anthyllus*," read *Anthyllis*.
" 12. For "27. *Oxytropus*," read *Oxytropis*.
" 12. For "3. *Petalastemon*," read *Petalostemon*.
" 14. For "7. *Crysosplenium*," read *Chrysosplenium*.
" 22. For "14. *Echinum*," read *Echium*.
" 25. For "2. *Peperonia*," read *Peperomia*.
" 29. For "2. *Tradescantha*," read *Tradescantia*.
" 33. For "24. *Hypolopis*," read *Hypolepis*.
" 36. For "*Heliotropum*," read *Heliotropium*.
" 37. For "*Hopericum*," read *Hypericum*.
" 37. For "*Leptosperma*," read *Leptospermum*.
" 39. For "*Ripogonium*," read *Ripogonum*.

